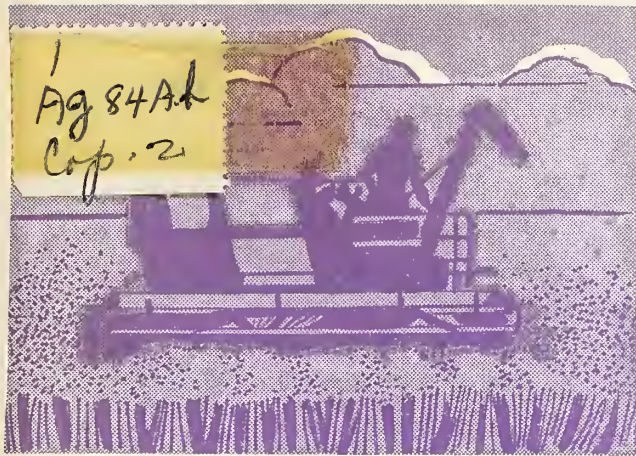


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FARM COSTS and RETURNS

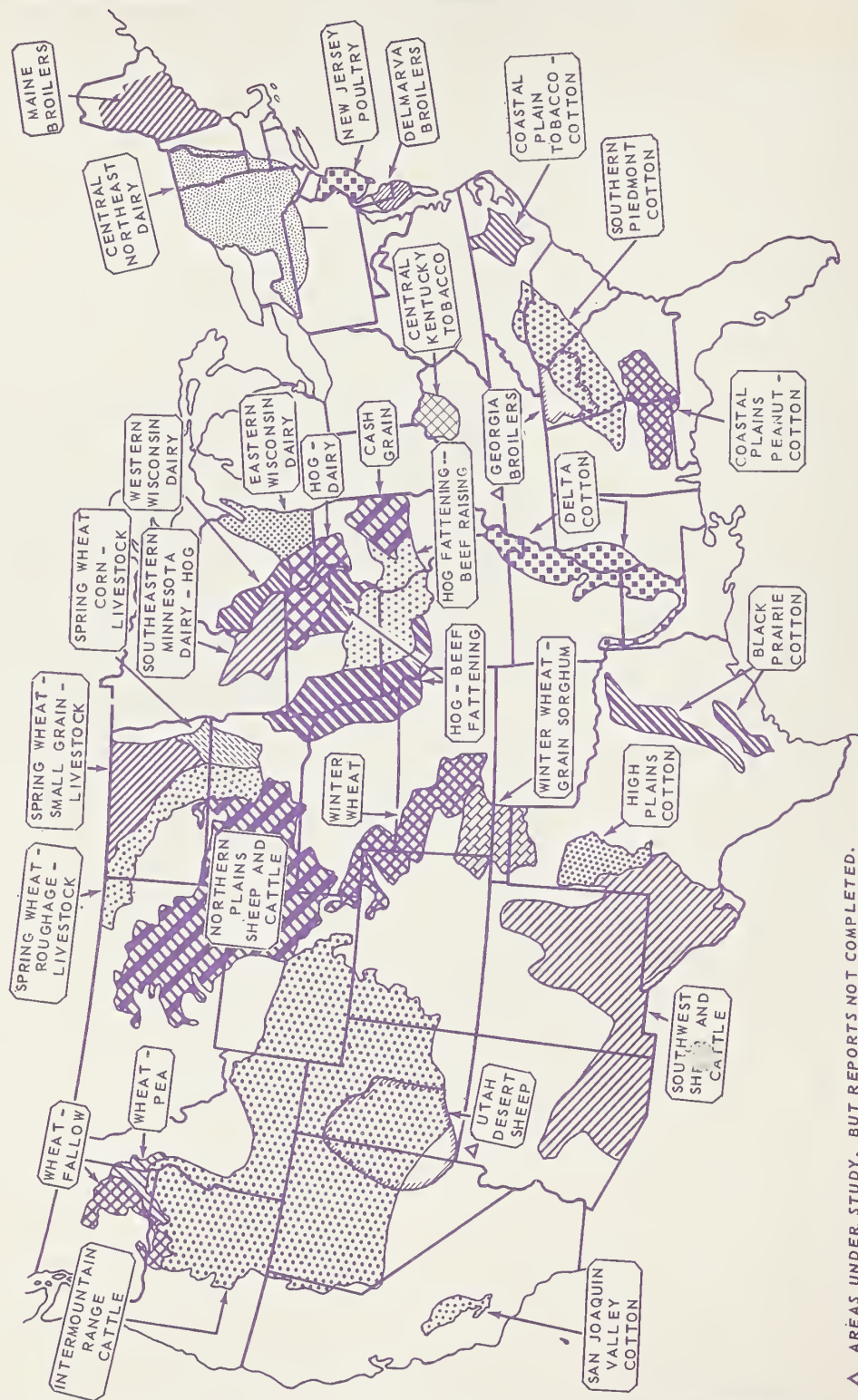
commercial farms
by type, size,
and location



U. S. Department of Agriculture
Economic Research Service
Washington, D.C.

Agriculture Information Bulletin No. 230
Revised August 1963

LOCATION OF TYPES OF FARMS STUDIED



△ AREAS UNDER STUDY, BUT REPORTS NOT COMPLETED.

U. S. DEPARTMENT OF AGRICULTURE

NEG. ERS 133 - 63 (1) ECONOMIC RESEARCH SERVICE

Figure 1

PREFACE

This annual report contains summary estimates of costs and returns for 1962 and earlier years on 39 important types of commercial farms in 22 major farming areas in the United States, together with a brief analysis of changes that have occurred in production, prices, income, and costs for each of these types of farms.

This is the 17th annual report. It includes information for one important type of farm not presented in previous reports. Information on this type of farm is representative of broiler producers in central Maine operating under contract and producing from 40,000 to 100,000 birds annually.

Since 1961, minor revisions have been made in certain estimates for a few of the farm series because of improved data or more current information. Substantial changes were made in the series for the Coastal Plain of North Carolina. Information formerly published was for three farm types classified by size of farm. A recent detailed study of the area indicates two predominant farm types: (1) tobacco farms, and (2) tobacco-cotton farms. The information presented here is representative of these two types and supersedes the series previously published.

As a consequence of an extensive enumerative field survey in the late fall of 1961 in the wheat-grain sorghum area in the Southern Plains, and further study of census questionnaires for farms of this type in the area, substantial changes were made in size of farm and acreage of grain sorghum. This necessitated some overall changes, particularly in production, machinery, and labor requirements and changes in costs and returns on these farms.

Estimates for earlier years are reported in USDA Statistical Bulletin 297 and Agriculture Information Bulletin 230, revised June 1961 and October 1962. Concepts and procedures are discussed briefly in Statistical Bulletin 297. Additional information is available for 1961 and 1962 for each of the major groups of farms in the Economic Research Service Farm Costs and Returns (FCR) Series, 9 through 17.

Information represents results of operations on typical or representative farms of the specified type and size. In all instances, the typical farms are important operating units in the specified area, and in most instances they are the most common units.

For example, of the approximately 30,000 farms in Western Wisconsin (see map on page ii), about

83 percent were classified in the 1959 census as commercial farms, and 84 percent of these were dairy farms. According to a recent survey, 75 percent of the dairy farm operators sold grade B milk (for manufacturing purposes). Typical commercial family-operated dairy farms in this area have from 15 to 25 head of milk cows and heifers 2 years and over. They are by far the most common type and size of farm in the area and probably constitute 70 percent of the dairy farms producing grade B milk.

In contrast, there are several different types of farms in the hog-beef fattening area of the Corn Belt. Beef fattening farms are probably the most common, but they vary considerably in size and method of operation. Some operators fatten hundreds of animals a year, mostly on purchased feed, whereas other operators may grow nearly all the feed for the 30 or 40 head they fatten each year.

In 1962, the typical hog-beef fattening farms represented here grew, on the average, around 130 acres of feed grains, farrowed around 25 sows, and in the fall bought 55 to 60 feeder cattle of approximately the same age and size as the cattle they raised. The cattle were to be fattened and sold early the next fall. Although this is a common operation, results may or may not be representative of some other beef-fattening farms. Costs and returns on typical hog-beef fattening farms as presented probably would not represent more than 25 percent of the commercial farms in the area.

The data presented in this report supplement estimates of aggregate income and expenses for all farms in the United States, as reported quarterly and annually by the Department, and those reported by the various experiment stations and related research groups throughout the country. Estimates for more types and sizes of farms would be required for expansion to regional and national totals.

The same general procedure, methodology, and terms are used for all types of farms. Thus, these publications provide a continuing source of information and a measure of year-to-year changes in farm size, farm organization, technology, investment, prices, costs, and returns on several important types of commercial farms.

For comparability of results among types of farms in these series, all farms are considered to be owner-operated units. Net farm income is

the return to the operator and members of his family for their management and labor on the farm, and return to total farm capital. To obtain an estimate of return to operator and family labor an estimated charge is made for capital. It should be noted, however, that a charge for capital represents a return to the owner of the capital, which in many cases is largely the farm operator.

Any charge for capital on a group of farms must be an arbitrary one. Farm assets vary greatly in kind, and are purchased at different times as the farmer purchases a new machine or some livestock, or decides to add to his farm acreage. Most farmers and ranchers make new investments each year. Some farm assets have a ready market, whereas others may be disposed of only at a sacrifice. Thus, it is difficult to determine a correct and valid charge for farm capital.

In this report, two alternative capital charges have been made. The first is obtained by multiplying total capital invested in the farm business, regardless of ownership, by the current interest rate in effect January 1 for new loans by the Federal land bank in the respective area. In 1962, this rate was 5.5 percent in 9 districts, 6.0 percent in 2 districts, and midway between in one district. From 1930 to 1962, the rate varied from 4.0 to 6.0 percent.

The second estimate of capital charge is obtained by multiplying total investment in the farm business January 1, again irrespective of ownership, by 4.1 percent. This is the average rate paid by farmers on outstanding debts held by Federal land banks from 1940 to 1960. In this 21-year period, the rate varied from 3.5 to 4.6 percent; in 11 of the years it was 4.1 percent.

Whichever of these methods is employed, a further charge is added for production credit on farms where applicable. Such a charge was made on 26 of the 39 typical farms. For the most part, these were farms on which sales were seasonal. Production credit is calculated at short-term interest rates charged by production credit associations on loans outstanding.

The major sources of data for these costs and returns series are: (1) the U.S. Census of Agriculture, (2) rural carrier and mailed questionnaires sent to farmers and dealers by the Agricultural Estimates Division, Statistical Reporting Service, USDA, (3) enumerative field surveys, and (4) research results and related data from State Experiment Stations and Federal agencies when data for individual farms are available or when group data meet the specifications for farms by type, size, and location. In the main, data for individual farms of a particular type and size are used. Local area data on production rates, prices, and related items are used when they do not differ greatly by type and size of farm.

Many factors need to be considered in making comparisons for different types of farms and in comparing typical farm data with national averages and averages for specific areas. Returns in 1962 compared with those for earlier years reflect the adjustments made by farmers on specified farms to meet changing physical and economic conditions. Weather also has an important role in determining farm income. Year-to-year changes in weather tend to produce corresponding changes in crop production, and these changes in turn affect livestock production and farm expenses and income. Farm size, intensity of land use, average investment per farm and the proportions invested in real estate, machinery, and livestock vary among types of farms and affect farm incomes to a considerable extent.

This report was prepared in the Farm Production Economics Division, Economic Research Service, by Wylie D. Goodsell, W. Herbert Brown, David E. Cummins, Erling Hole, Edgar B. Hurd, John E. Lee, Jr., Paul Rosenberry, Owen K. Shugars, Everett O. Stoddard, and Isabel Jenkins.

John H. Bondurant, University of Kentucky, cooperated in preparing estimates for the tobacco-livestock farms in the Bluegrass area of Kentucky, and James R. Gray, New Mexico State University, cooperated in preparing estimates for the livestock ranches in the Southwestern and Northern Plains areas.

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TABLE 1. --Net farm income, specified types of commercial farms, 1962, with comparisons

Type of farm and location	AVERAGE		1961	1962 ¹
	1951-55	1956-60		
	Dollars	Dollars	Dollars	Dollars
Dairy farms:				
Central Northeast.....	3,753	4,196	4,497	3,549
Eastern Wisconsin:				
Grade A.....	4,859	5,330	6,694	6,221
Grade B.....	2,509	2,503	3,437	3,118
Western Wisconsin, Grade B.....	3,032	3,350	4,310	4,430
Dairy-hog farms, Southeastern Minnesota.....	4,016	3,878	4,868	4,409
Poultry farms:				
New Jersey, egg-producing.....	3,148	2,751	4,959	3,017
Maine, broilers.....	2,269	3,315	3,776	4,137
Delmarva, broilers.....	3,791	4,577	5,321	5,542
Corn Belt farms:				
Hog-dairy.....	5,182	5,334	5,972	5,394
Hog fattening--beef raising.....	3,442	3,620	4,042	3,616
Hog-beef fattening.....	7,427	7,219	7,393	10,183
Cash grain.....	8,412	7,400	8,995	9,061
Cotton farms:				
Southern Piedmont.....	2,068	2,010	2,666	2,729
Mississippi Delta:				
Small.....	1,945	1,742	2,035	2,012
Large-scale.....	23,192	21,671	30,349	30,986
Texas:				
Black Prairie.....	2,727	2,544	3,297	3,562
High Plains (nonirrigated).....	3,124	6,810	13,275	6,804
High Plains (irrigated).....	11,105	13,975	23,350	19,617
San Joaquin Valley, Calif. (irrigated):				
Cotton-specialty crop.....	39,780	45,584	13,516	31,374
Cotton-general crop (medium-sized).....	26,111	26,798	24,491	25,602
Cotton-general crop (large).....	77,115	82,376	75,778	79,731
Peanut-cotton farms, Southern Coastal Plains.....	2,618	2,822	4,112	3,747
Tobacco farms:				
North Carolina Coastal Plain:				
Tobacco.....	3,506	4,449	6,816	6,364
Tobacco-cotton.....	3,391	4,386	6,857	6,481
Kentucky Bluegrass:				
Tobacco-livestock, Inner Area.....	6,473	7,127	7,441	7,652
Tobacco-dairy, Intermediate Area.....	2,361	2,511	2,910	2,805
Tobacco-dairy, Outer Area.....	3,873	4,530	5,126	5,524
Spring wheat farms:				
Northern Plains:				
Wheat-small grain-livestock.....	4,524	5,058	135	11,081
Wheat-corn-livestock.....	3,922	4,837	5,307	5,864
Wheat-roughage-livestock.....	3,833	3,916	1,391	9,815
Winter wheat farms:				
Southern Plains:				
Wheat.....	8,006	8,377	10,693	11,260
Wheat-grain sorghum ²	4,932	7,282	13,400	10,729
Pacific Northwest:				
Wheat-pea.....	13,666	13,048	11,103	17,714
Wheat-fallow.....	12,909	13,891	12,084	15,734
Cattle ranches:				
Northern Plains.....	5,434	4,574	6,277	7,252
Intermountain Region.....	7,976	9,731	9,998	11,730
Southwest.....	2,588	5,843	8,167	8,237
Sheep ranches:				
Northern Plains.....	7,996	9,268	6,831	11,850
Southwest.....	3,302	8,058	8,652	9,267

¹ Preliminary. ² Revised.

FARM COSTS AND RETURNS: COMMERCIAL FARMS BY TYPE, SIZE, AND LOCATION

IN GENERAL

Net Farm Income Changes on Typical Farms

In 1962, net farm incomes were higher than a year earlier on 24 and lower on 15 of 39 important types of commercial farms in 22 major farming areas in the United States (fig. 1 and table 1). Changes in incomes varied considerably even within major groups of farms (table 2).

Western livestock ranches were the only group where changes in income were in the same direction for all farms, and even here the increases varied from 1 to 73 percent. Net farm income increased in 1962 on 6 of the 7 types of wheat farms while 4 of the 5 dairy farms had lower incomes.

The greatest change in income occurred on wheat-small grain-livestock farms in the Northern Plains. Net farm income increased from an average of \$135 per farm in 1961 to \$11,081 in 1962. Income in 1961 was the lowest since 1937 on these farms because of a severe drought.

The largest decline in income, 49 percent, occurred on the nonirrigated cotton farms in the High Plains of Texas, but incomes in 1961 on these farms were record high. Returns in 1962 were near those in years previous to 1961.

All of the farm types on which incomes increased in 1962 either had higher farm production or received higher prices for products sold, or

both. Increased production was largely responsible for higher incomes on 10 of the farm types. Prices received averaged lower than in 1961 on these farms.

On 6 other types of farms with higher incomes in 1962, both production and prices received were greater than in 1961. On 7 other types, higher prices received for products sold more than offset lower production. Income was above that of 1961 on large-scale cotton farms in the Mississippi Delta because of a substantial decline in operating expenses. On the 24 farm types with higher returns in 1962, operating expenses were higher on 20 and lower on 4.

Lower incomes in 1962 were due to higher expenses as well as to changes in production and prices received. Eight of the farm types with lower incomes in 1962 showed increases in farm production. However, operating expenses increased from 2 to 8 percent on these farms and prices received declined. Operating expenses declined on 2 other farm types with lower incomes, but farm production and prices received also declined on these farms. On 3 of these farm types, prices received averaged higher in 1962 but production declined and operating expenses increased.

Net farm incomes in 1962 were higher than in 1951-55 or 1956-60 on most of the 39 types of farms. They were from 7 to 151 percent higher than in 1956-60 on 32 of the 39 farm types, about the same on 3

TABLE 2. --Net farm income in 1962 as a percentage of 1961 and 1951-60

Type of farm and location	1962 as a percentage of--		Type of farm and location	1962 as a percentage of--	
	AVERAGE 1951-60	1961		AVERAGE 1951-60	1961
Dairy farms:					
Central Northeast.....	89	79	Peanut-cotton farms, Southern Coastal Plains.....	138	91
Eastern Wisconsin:			Tobacco farms:		
Grade A.....	122	93	North Carolina Coastal Plain:		
Grade B.....	124	91	Tobacco.....	160	93
Western Wisconsin, Grade B.....	139	103	Tobacco-cotton.....	167	95
Dairy-hog farms, Southeastern Minnesota.....	112	91	Kentucky Bluegrass:		
Poultry farms:			Tobacco-livestock, Inner Area...	113	103
New Jersey, egg-producing.....	102	60	Tobacco-dairy, Intermediate Area	115	96
Maine, broilers.....	148	110	Tobacco-dairy, Outer Area.....	131	108
Delmarva, broilers.....	132	104			
Corn Belt farms:			Spring wheat farms:		
Hog-dairy.....	103	90	Northern Plains:		
Hog fattening--beef raising.....	102	89	Wheat-small grain-livestock.....	231	8,208
Hog-beef fattening.....	139	138	Wheat-corn-livestock.....	134	110
Cash grain.....	115	101	Wheat-roughage-livestock.....	253	706
Cotton farms:			Winter wheat farms:		
Southern Piedmont.....	134	102	Southern Plains:		
Mississippi Delta:			Wheat.....	137	105
Small.....	109	99	Wheat-grain sorghum.....	176	80
Large-scale.....	138	102	Pacific Northwest:		
Texas:			Wheat-pea.....	133	160
Black Prairie.....	135	108	Wheat-fallow.....	117	130
High Plains (nonirrigated).....	137	51			
High Plains (irrigated).....	156	84	Cattle ranches:		
San Joaquin Valley, Calif. (irrigated)			Northern Plains.....	145	116
Cotton-specialty crop.....	74	232	Intermountain Region.....	132	117
Cotton-general crop (medium sized).	97	105	Southwest.....	195	101
Cotton-general crop (large).....	100	105			
			Sheep ranches:		
			Northern Plains.....	137	173
			Southwest.....	163	107

types, and from 3 to 31 percent lower on 4 types. Compared with 1951-55, incomes were higher in 1962 on 35 of the 39 types and lower on 4. Incomes were lower in 1962 than in either of these 5-year periods on the Central Northeast dairy farms and on the cotton-specialty crop and cotton-general crop (medium-sized) farms in the San Joaquin Valley of California.

Net Farm Income Changes on All U.S. Farms

For all farms in the United States, average total net farm income (including inventory changes) increased about 3 percent from 1961 to 1962 (fig. 2). Total net income per farm averaged \$3,537 in 1962 compared with \$3,422 for the previous year and was nearly 30 percent above the 1951-60 average. Total aggregate net farm income in 1962 remained at last year's level of \$13 billion. Because of a decline in number of farms, incomes per farm averaged higher in 1962. Both the number of farms and farm population decreased about 3 percent in comparison with the previous year. Farm numbers have been declining steadily since 1936.

Realized gross farm income increased to a record-high \$40.6 billion, nearly \$750 million above a year earlier. Higher prices received by farm operators for products sold were mainly responsible for this record-high income. In 1962, Government payments to farmers averaged about \$200 million more than a year earlier because of increased payments in the feed grain and wheat programs. The net value of the physical change in farm inventories increased about \$145 million because of a gain in livestock inventories.

An increase of about \$650 million in production expenses in 1962 partly offset the \$750 million gain in receipts. Higher prices paid for most production items and services coupled with larger purchases of feed, fertilizer, feeder livestock, and breeding livestock were the major factors increasing expenses.

Net farm production for the country as a whole increased only slightly over the record high of 1961. Both livestock and crops contributed to this record-high production. The composite yield index per crop acre for 28 leading crops in 1962 was record-high, 3.7 percent above the index a year earlier. Harvested acreage of 59 crops (excluding double-cropping) decreased 2.6 percent in comparison with 1961 and 12 percent compared with the 1951-60 average.

Cash receipts from farm marketings were about \$0.5 billion above those of the previous year, largely due to higher prices received for farm products. Some of the commodities with higher prices were winter wheat, potatoes, cotton, beef cattle, turkeys, and broilers. Important products with lower prices in 1962 included milk, hogs, tobacco, eggs, and cottonseed.

Farm production expenses, increasing for the ninth consecutive year, reached a record-high \$7,522 per farm in 1962 (fig. 3). This was 2.6 percent above a year earlier and nearly 50 percent more than in the 1951-60 period. Fewer but larger farms partially contributed to this increase per farm.

Prices paid for goods and services (including interest, taxes, and wages to hired labor) averaged about 2.5 percent above 1961. Major items contributing to this increase were

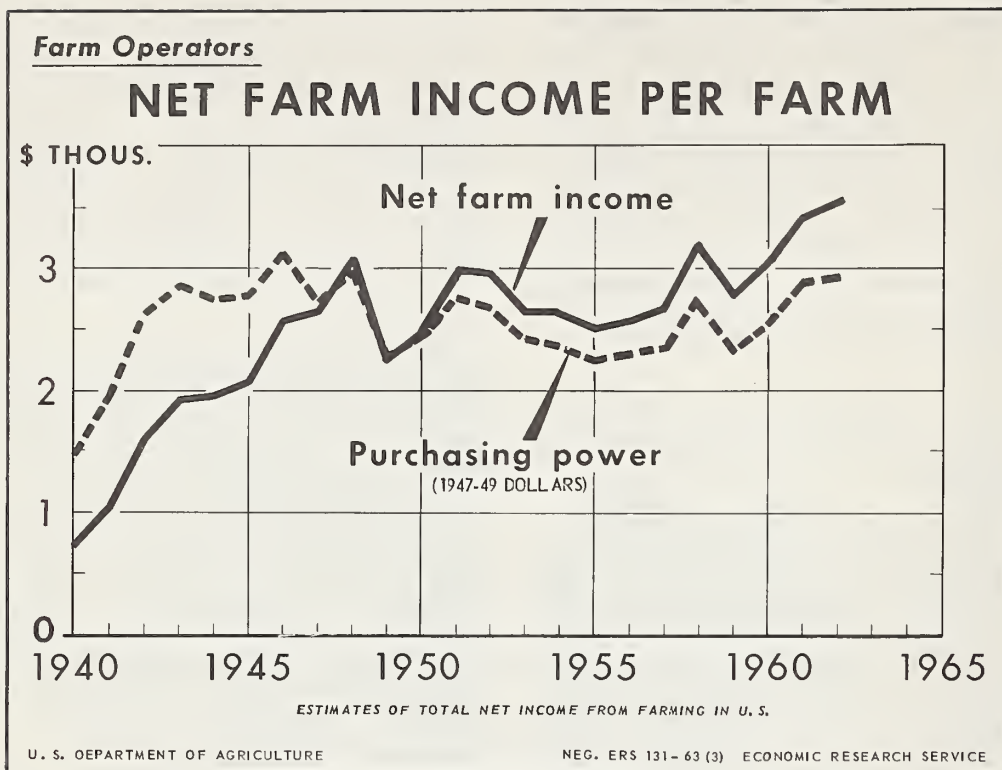


Figure 2

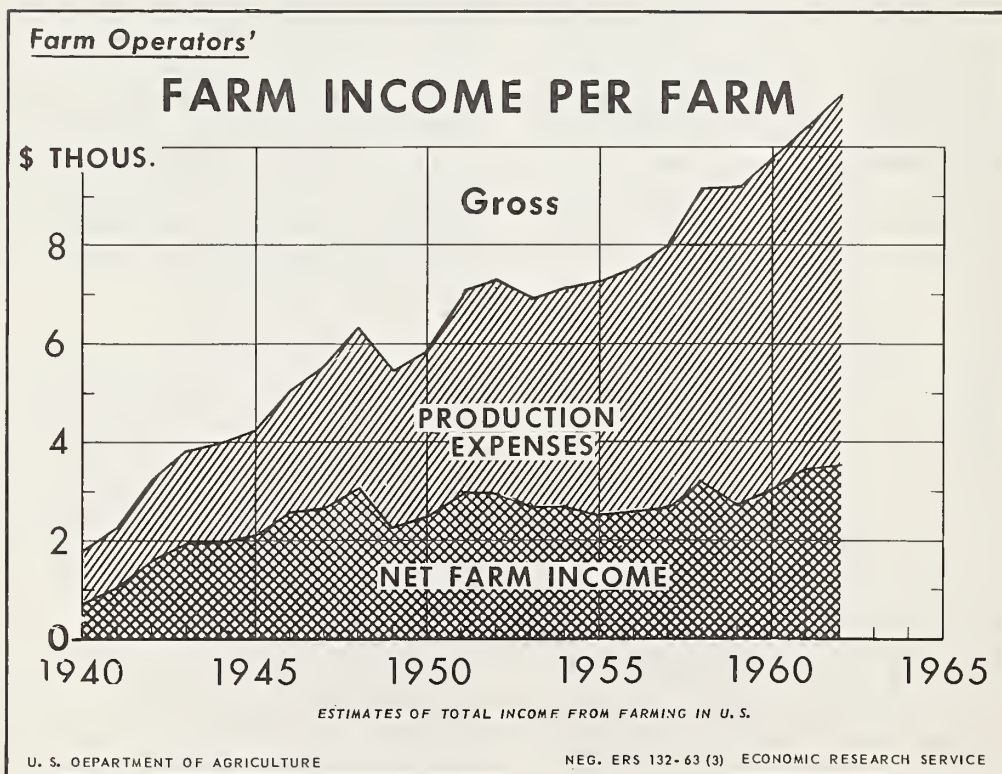


Figure 3

purchased feed, seed, livestock, motor vehicles, farm machinery, hired labor, and taxes. Prices paid for fertilizer and motor supplies decreased slightly from a year earlier. Prices of building and fencing materials were unchanged from the previous year.

COSTS AND RETURNS ON TYPICAL FARMS

Resources Used

Resources on these types of farms differ greatly from farm to farm (table 3). Farms differ in both size and production potential. Also, the proportion of labor, working capital, and land used differs by type and location of farm. For instance, about 48 hours of man-labor were used per acre of cropland on cotton farms in the Southern Piedmont compared with only 8 hours on nonirrigated cotton farms in the High Plains of Texas. The ratio of capital invested to labor used on wheat-pea farms in the Pacific Northwest was more than 12 times as high as on tobacco-cotton farms in the Coastal Plain of North Carolina. These differences must be considered when comparing net farm incomes.

Some of the differences in resources may be taken into account by: (1) comparing returns per hour of operator and family labor (after making a charge for the use of capital--see preface) or (2) comparing returns per \$100 invested (after making a charge for operator and family labor at current wage rates). On small farms, returns to operator and family labor is a more appropriate comparison than returns on investment, because the family is primarily a supplier of labor. Returns per \$100 invested is more appropriate on the large farms,

because operators of these farms are primarily suppliers of capital.

Returns Per Hour to Operator and Family Labor

If current interest rates are used to estimate capital charge, returns per hour of operator and family labor in 1962 are below the corresponding wage rates for hired labor on 17 of the 39 types of farms. Since 1953, returns per hour of operator and family labor generally have been lower than wage rates for hired labor on 25 of the 39 types of farms. Some of these low returns may be due to the lack of alternative employment for other members of the operator's family.

Returns Per \$100 Invested

In 1960-62, returns per \$100 invested averaged above \$4 on the wheat farms, broiler farms, cash grain farms, tobacco farms in North Carolina and the Inner Bluegrass Area of Kentucky, cattle ranches in the Intermountain Area, sheep ranches in the Northern Plains, and all cotton farms except those in the Black Prairie (table 4).

Types of farms with returns below \$4 per \$100 invested included the dairy farms, livestock farms in the Corn Belt, cotton farms in the Black Prairie, tobacco-dairy farms in Kentucky, cattle ranches in the Northern Plains, and cattle and sheep ranches in the Southwest. Crop farms predominate in the former group and livestock farms in the latter group.

Farms with high returns per \$100 invested do not always have high net farm incomes. For instance, returns per \$100 invested averaged \$13 on peanut-cotton farms in the Southern Coastal Plains, but net farm incomes

TABLE 3.--Resources, costs and returns per farm, specified types of commercial farms, 1962¹

Type of farm and location ²	Size of farm as measured by:	Total labor used	Total farm capital, Jan. 1	Gross farm income ³	Operating expenses ⁴	Return per hour to operator and family labor	
						Current interest rates	4.1 percent interest ⁵
		Hours	Dollars	Dollars	Dollars	Dollars	Dollars
Dairy farms:							
Central Northeast.....	31.4 milk cows	4,590	42,600	13,186	9,637	0.29	0.48
Eastern Wisconsin:							
Grade A.....	31.7 do.	4,580	66,740	15,638	9,417	.62	.85
Grade B.....	21.4 do.	3,790	44,570	9,077	5,959	.18	.35
Western Wisconsin, Grade B.....	22.7 do.	4,240	36,040	9,800	5,370	.62	.75
Dairy-hog farms, Southeastern Minnesota...	21.3 do.	4,190	53,820	11,091	6,682	.37	.57
Poultry farms:							
New Jersey, egg-producing.....	5,050 layers	5,010	44,720	27,505	24,488	.11	.29
Maine, broilers.....	63,244 produced annually	2,060	31,700	7,423	3,286	1.34	1.64
Delmarva, broilers.....	44,426 do.	2,190	34,900	9,394	3,286	1.73	2.06
Corn Belt farms:							
Hog-dairy.....	108 acres of cropland	4,520	59,530	13,758	8,364	.52	.73
Hog fattening--beef raising.....	119 do.	3,640	54,510	9,870	6,254	.14	.37
Hog-beef fattening.....	147 do.	4,400	94,570	33,702	23,519	1.22	1.56
Cash grain.....	198 do.	3,140	118,220	18,031	8,970	.85	1.43
Cotton farms:							
Southern Piedmont.....	100 do.	4,840	28,660	6,568	3,839	.38	.61
Mississippi Delta:							
Small.....	39 do.	3,160	14,470	4,708	2,696	.50	.58
Large-scale.....	640 do.	27,140	218,410	75,115	44,129	(⁶)	(⁶)
Texas:							
Black Prairie.....	220 do.	3,200	52,380	8,994	5,432	.25	.56
High Plains (nonirrigated).....	373 do.	3,160	63,480	13,459	6,655	1.46	1.86
High Plains (irrigated).....	349 do.	7,130	120,180	37,508	17,891	5.17	5.86
San Joaquin Valley, Calif. (irrigated):							
Cotton-specialty crop.....	325 do.	12,240	301,060	107,659	76,285	(⁶)	(⁶)
Cotton-general crop (medium-sized)....	325 do.	9,860	298,290	71,992	46,390	(⁶)	(⁶)
Cotton-general crop (large).....	1,136 do.	29,810	1,028,060	229,624	149,893	(⁶)	(⁶)
Peanut-cotton farms, Southern Coastal Plains.....	76 do.	4,000	18,200	7,877	4,130	.87	.98
Tobacco farms:							
North Carolina Coastal Plain:							
Tobacco.....	47 do.	6,250	27,190	12,741	6,377	1.76	1.96
Tobacco-cotton.....	53 do.	6,980	29,250	13,482	7,001	1.67	1.88
Kentucky Bluegrass:							
Tobacco-livestock, Inner Area.....	62 do.	4,870	102,960	16,825	9,173	.48	1.13
Tobacco-dairy, Intermediate Area.....	25 do.	3,590	22,730	5,509	2,704	.44	.53
Tobacco-dairy, Outer Area.....	42 do.	4,800	42,720	11,228	5,704	.75	.89
Spring wheat farms:							
Northern Plains:							
Wheat-small grain-livestock.....	581 do.	2,660	54,120	17,226	6,145	3.53	3.87
Wheat-corn-livestock.....	383 do.	3,660	56,130	10,621	4,757	.77	.99
Wheat-roughage-livestock.....	531 do.	3,030	50,490	14,946	5,131	2.45	2.70
Winter wheat farms:							
Southern Plains:							
Wheat.....	601 do.	2,970	103,420	17,903	6,643	2.08	2.63
Wheat-grain sorghum.....	677 do.	3,270	118,500	21,173	10,444	1.50	2.11
Pacific Northwest:							
Wheat-pea.....	541 do.	3,630	191,910	28,445	10,731	2.40	3.33
Wheat-fallow.....	1,007 do.	3,800	146,290	25,835	10,101	2.37	3.02
Cattle ranches:							
Northern Plains.....	90.8 cows	3,720	83,510	14,099	6,847	.82	1.18
Intermountain Region.....	145.2 do.	5,140	89,910	18,875	7,145	1.70	2.01
Southwest.....	150.7 do.	3,690	164,730	17,893	9,656	-.34	.61
Sheep ranches:							
Northern Plains.....	1,294 sheep	7,020	95,350	26,928	15,078	1.84	2.21
Southwest.....	1,309 do.	5,540	209,460	21,932	12,665	-.86	.26

¹ Preliminary. ² All except cotton farms in California and large-scale cotton farms in the Mississippi Delta are family-operated. ³ Includes income from farming and Government payments. ⁴ Excludes rent and interest payments. ⁵ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding. ⁶ Not applicable.

TABLE 4.--Return per \$100 invested with operator and family labor at wage rates paid for hired labor, specified types of commercial farms, averages 1951-55, 1956-60, and 1960-62

Type of farm and location	1951-55	1956-60	1960-62
	<u>Dollars</u>	<u>Dollars</u>	<u>Dollars</u>
Dairy farms:			
Central Northeast.....	6.10	4.71	2.76
Eastern Wisconsin:			
Grade A.....	3.66	3.19	3.62
Grade B.....	-1.21	-2.21	-1.07
Western Wisconsin, Grade B.....	.10	-.17	1.45
Dairy-hog farms, Southeastern Minnesota.....	3.06	1.19	1.21
Poultry farms:			
New Jersey, egg-producing.....	-.97	-2.89	2.28
Maine, broilers.....	4.00	5.50	6.29
Delmarva, broilers.....	11.83	9.73	10.38
Corn Belt farms:			
Hog-dairy.....	4.38	2.70	1.61
Hog fattening--beef raising.....	2.03	1.07	.32
Hog-beef fattening.....	5.98	4.51	3.70
Cash grain.....	7.37	4.55	4.79
Cotton farms:			
Southern Piedmont.....	6.67	4.01	4.39
Mississippi Delta:			
Small.....	9.81	5.63	5.93
Large-scale.....	12.87	8.93	11.21
Texas:			
Black Prairie.....	5.50	2.72	3.33
High Plains (nonirrigated).....	4.37	9.66	13.24
High Plains (irrigated).....	11.75	11.80	14.61
San Joaquin Valley, Calif. (irrigated):			
Cotton-specialty crop.....	19.15	16.78	7.99
Cotton-general crop (medium-sized).....	11.59	8.79	7.21
Cotton-general crop (large).....	11.18	8.77	7.23
Peanut-cotton farms, Southern Coastal Plains.....	13.18	11.34	13.08
Tobacco farms:			
North Carolina Coastal Plain:			
Tobacco.....	12.44	12.50	17.97
Tobacco-cotton.....	12.27	11.29	16.35
Kentucky Bluegrass:			
Tobacco-livestock, Inner Area.....	5.89	5.36	4.52
Tobacco-dairy, Intermediate Area.....	-2.60	-1.52	-1.27
Tobacco-dairy, Outer Area.....	3.16	3.98	3.75
Spring wheat farms:			
Northern Plains:			
Wheat-small grain-livestock.....	5.17	5.67	5.46
Wheat-corn-livestock.....	3.09	4.14	4.63
Wheat-roughage-livestock.....	2.27	1.70	4.95
Winter wheat farms:			
Southern Plains:			
Wheat.....	8.19	6.93	8.16
Wheat-grain sorghum ¹	3.31	3.73	7.28
Pacific Northwest:			
Wheat-pea.....	8.26	5.66	4.98
Wheat-fallow.....	8.37	7.14	5.59
Cattle ranches:			
Northern Plains.....	3.42	2.31	3.75
Intermountain Region.....	6.03	8.15	7.14
Southwest.....	.84	2.80	3.85
Sheep ranches:			
Northern Plains.....	4.96	6.46	5.53
Southwest.....	1.01	3.25	3.62

¹ Revised.

on these farms have been among the lowest reported. Both investment and wage rates were relatively low on peanut-cotton farms. In contrast, returns averaged about \$5 per \$100 invested on wheat farms in the Pacific Northwest. Yet, incomes on these farms were among the highest reported. Both investment and wage rates are relatively high on these wheat farms.

Returns on investment were lower in 1960-62 than in 1951-55 on about half the 39 types of farms. Factors leading to lower returns included: (1) higher values of real estate and working capital, (2) increases in total acreage per farm, (3) increased quantity of working capital, and (4) higher wage rates applied to operator and family labor. On the other types of farms, higher net farm incomes more than offset the influence of these factors and returns on investment were higher in 1960-62 than in 1951-55.

Prices Paid

Prices paid for items used in production generally were slightly higher than they were a year earlier (table 5). The increases in prices paid on most types of farms were a part of an upward trend which continued in 1962. Farms with the largest upward trend generally used a high proportion of labor, machinery, and other items with greater than average increases in prices paid. Farms with a decrease or small increase in prices paid generally used a high proportion of items with less than average price increases such as commercial fertilizer, feed, seed, and livestock. Prices paid for some items also increased more in some areas than in others. For instance, wage rates increased 25 percent from 1951-55 to 1962 on cattle ranches in the

Intermountain Area, but hand-snapping rates for cotton decreased 9 percent on cotton farms in the High Plains of Texas.

The large decline in prices paid for items used in production on egg-producing farms in New Jersey--16 percent--was due to a 24-percent decline in feed prices. Feed accounts for about three-fourths of the cash expenditures on these farms.

Prices Received

Prices received for products sold were lower in 1962 than in 1961 on dairy, tobacco, and egg-producing farms. They were higher than a year earlier on winter wheat and broiler farms and on sheep and cattle ranches. Prices received were the same or higher than in 1961 on some Corn Belt, spring wheat, and cotton farms but lower on other farms of these types. Prices received for cotton lint and cottonseed were higher than a year earlier in some areas and lower in others.

In 1962, prices received averaged lower than in 1951-55 on all types of farms except the hog-beef fattening farms in the Corn Belt, tobacco farms, and cattle ranches.

Productivity

The upward trend in yields per acre on most types of farms continued in 1962 (table 6). Yields per acre on 18 of the 31 types of farms on which crops were important were higher than a year earlier. Some of the increases, especially on wheat farms in the Northern Plains, were due to more favorable weather than in the previous year. But improved practices also were a factor leading to higher yields per acre. Many of the types of farms with lower yields in 1962 had record or near-record

TABLE 5.--Prices received and paid by farmers: Index numbers, specified types of commercial farms, 1962, with comparisons

(1957-59 = 100)

Type of farm and location	Prices received for products sold			Prices paid, including wages to hired labor		
	AVERAGE 1951-55	1961	1962 ¹	AVERAGE 1951-55	1961	1962 ¹
Dairy farms:						
Central Northeast.....	98	97	95	95	103	104
Eastern Wisconsin:						
Grade A.....	109	104	100	94	106	108
Grade B.....	110	105	102	99	104	108
Western Wisconsin, Grade B.....	109	104	101	99	105	108
Dairy-hog farms, Southeastern Minnesota.....	111	106	101	95	103	105
Poultry farms:						
New Jersey, egg-producing.....	128	98	94	111	91	93
Maine, broilers.....	117	103	110	81	110	110
Delmarva, broilers.....	126	102	108	89	104	105
Corn Belt farms:						
Hog-dairy.....	109	105	101	96	103	107
Hog fattening--beef raising.....	112	102	104	96	103	107
Hog-beef fattening.....	108	95	108	100	98	96
Cash grain.....	126	102	102	90	102	102
Cotton farms:						
Southern Piedmont.....	110	100	102	² 98	² 103	² 104
Mississippi Delta:						
Small.....	113	103	102	99	101	103
Large-scale.....	115	104	105	² 99	² 104	² 105
Texas:						
Black Prairie.....	117	106	103	96	104	105
High Plains (nonirrigated).....	120	106	104	93	105	110
High Plains (irrigated).....	117	107	105	94	105	108
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	114	90	107	93	109	109
Cotton-general crop (medium-sized).....	108	105	102	90	108	110
Cotton-general crop (large).....	108	105	102	90	107	109
Peanut-cotton farms, Southern Coastal Plains.....	111	101	104	99	98	102
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco.....	98	113	105	90	106	108
Tobacco-cotton.....	99	112	105	109	106	108
Kentucky Bluegrass:						
Tobacco-livestock, Inner Area.....	91	101	96	92	102	104
Tobacco-dairy, Intermediate Area.....	90	104	96	93	104	104
Tobacco-dairy, Outer Area.....	93	103	97	94	104	106
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	109	123	100	94	100	103
Wheat-corn-livestock.....	107	104	104	98	103	107
Wheat-roughage-livestock.....	105	110	93	97	98	105
Winter wheat farms:						
Southern Plains:						
Wheat.....	116	102	110	94	105	105
Wheat-grain sorghum ³	111	101	107	91	104	104
Pacific Northwest:						
Wheat-pea.....	117	103	108	96	101	104
Wheat-fallow.....	110	104	107	94	104	106
Cattle ranches:						
Northern Plains.....	94	98	117	95	94	98
Intermountain Region.....	97	98	104	93	107	109
Southwest.....	92	97	102	99	107	110
Sheep ranches:						
Northern Plains.....	116	81	97	100	98	98
Southwest.....	110	86	92	100	105	104

¹ Preliminary. ² Includes cropper labor. ³ Revised.

TABLE 6. --Net farm production and productivity: Index numbers, specified types of commercial farms, 1962, with comparisons (1957-59 = 100)

Type of farm and location	Net farm production			Crop yield per acre ²		
	AVERAGE 1951-55	1961	1962 ¹	AVERAGE 1951-55	1961	1962 ¹
Dairy farms:						
Central Northeast.....	87	116	114	90	111	97
Eastern Wisconsin:						
Grade A.....	82	116	120	95	114	111
Grade B.....	87	115	117	94	114	112
Western Wisconsin, Grade B.....	82	114	124	85	112	117
Dairy-hog farms, Southeastern Minnesota.....	83	112	113	87	111	107
Poultry farms:						
New Jersey, egg-producing.....	80	125	126	---	---	---
Maine, broilers.....	59	110	113	---	---	---
Delmarva, broilers.....	71	113	112	---	---	---
Corn Belt farms:						
Hog-dairy.....	82	102	103	86	104	105
Hog fattening--beef raising.....	77	105	104	79	102	96
Hog-beef fattening.....	82	108	110	85	107	110
Cash grain.....	84	114	117	88	117	116
Cotton farms:						
Southern Piedmont.....	84	118	118	84	108	111
Mississippi Delta:						
Small.....	90	118	117	89	112	108
Large-scale.....	101	119	117	89	111	107
Texas:						
Black Prairie.....	81	109	123	85	93	106
High Plains (nonirrigated).....	48	147	92	52	137	89
High Plains (irrigated).....	76	132	126	78	122	114
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	78	107	98	80	103	103
Cotton-general crop (medium-sized).....	79	98	103	72	94	100
Cotton-general crop (large).....	77	99	106	72	95	101
Peanut-cotton farms, Southern Coastal Plains.....	80	142	133	80	120	111
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco.....	82	126	132	83	122	125
Tobacco-cotton.....	80	127	134	83	118	121
Kentucky Bluegrass:						
Tobacco-livestock, Inner Area.....	102	105	114	93	101	110
Tobacco-dairy, Intermediate Area.....	98	107	114	90	105	112
Tobacco-dairy, Outer Area.....	90	111	125	89	104	113
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	93	43	175	81	44	194
Wheat-corn-livestock.....	81	96	101	79	96	122
Wheat-roughage-livestock.....	97	60	192	100	62	196
Winter wheat farms:						
Southern Plains:						
Wheat.....	81	119	116	75	121	125
Wheat-grain sorghum ³	67	153	124	52	140	124
Pacific Northwest:						
Wheat-pea.....	83	88	112	83	80	115
Wheat-fallow.....	77	84	97	76	82	105
Cattle ranches:						
Northern Plains.....	107	108	98	99	86	99
Intermountain Region.....	75	97	103	98	94	101
Southwest.....	70	116	116	90	100	97
Sheep ranches:						
Northern Plains.....	79	91	103	99	86	99
Southwest.....	64	115	102	90	100	97

¹ Preliminary. ² Range condition on ranches. ³ Revised.

yields in the previous year. Yields on these types of farms in 1962 were generally above the 1951-55 average.

Range conditions on all the ranches in 1962 were near the 1957-59 average. They were also about the same as in 1951-55 on ranches in the Northern Plains and the Intermountain Area but better in the Southwest.

Milk production per cow on dairy farms was higher than a year earlier and substantially higher than in 1951-55. But the number of eggs laid per hen on egg-producing farms in New Jersey has changed little since 1951-55.

Net Farm Production

Changes in net farm production from 1961 to 1962 varied from a fourfold increase on wheat-small grain-livestock farms in the Northern Plains to a decrease of 37 percent on nonirrigated cotton farms in the High Plains of Texas.

The large changes in net farm production on these farms were mostly due to changes in yields per acre. On the other types of farms, net farm production frequently changed less than yields per acre. This reflected the effect of changes in livestock production, size of farm, and relative sizes of enterprises. For instance, the increase in net farm production on dairy farms in Eastern Wisconsin was due to increased livestock production, and the decrease in production on cotton-specialty crop farms in the San Joaquin Valley was due to a shift from potatoes to feed grains.

Except for cattle ranches in the Northern Plains, net farm production was higher in 1962 than in

1951-55. This increase occurred despite the reestablishment of allotments on some important crops in 1954 and the establishment of the feed grain program in 1961. The upward trend in net farm production was due to an increase in total acreage farmed, higher yields per acre, and increased livestock production.

Production Per Hour of Labor

Several factors contributed to the changes in production per hour of labor from 1961 to 1962 (table 7). On some farms, such as spring wheat farms in the Northern Plains and cotton farms in the High Plains of Texas, changes in production per hour of labor were mostly due to changes in weather and their effects on crop production. Production per hour of labor frequently follows variations in yield per acre due to changes in weather. Also, developments which increase yields per acre generally increase production per hour of labor, because labor does not increase proportionally as much as yields per acre.

On other farms, such as cotton farms in the Mississippi Delta, the increase in production per hour of labor resulted from further technological developments, which reduced labor used per crop acre. Production per hour of labor also varies with shifts among enterprises using different amounts of labor per unit of product.

From 1951-55 to 1961-62, production per hour of labor increased considerably on all types of farms. The increase varied from 9 percent on tobacco-livestock farms in the Inner Bluegrass Area of Kentucky to 122 percent on nonirrigated cotton farms in the High Plains of Texas. The upward trend in production per

TABLE 7. --Production per hour of labor and per unit of input: Index numbers, specified types of commercial farms, 1962, with comparisons

(1957-59=100)

Type of farm and location	Production per hour of man labor			Production per unit of input		
	AVERAGE 1951-55	1961	1962 ¹	AVERAGE 1951-55	1961	1962 ¹
Dairy farms:						
Central Northeast.....	82	114	108	97	104	99
Eastern Wisconsin:						
Grade A.....	82	113	113	90	108	108
Grade B.....	85	113	112	91	108	107
Western Wisconsin, Grade B.....	83	114	123	89	108	114
Dairy-hog farms, Southeastern Minnesota.....	85	109	106	89	102	99
Poultry farms:						
New Jersey, egg-producing.....	73	124	130	94	104	105
Maine, broilers.....	61	124	126	72	112	110
Delmarva, broilers.....	63	108	105	73	110	106
Corn Belt farms:						
Hog-dairy.....	81	101	100	89	97	94
Hog fattening--beef raising.....	77	104	99	86	97	92
Hog-beef fattening.....	81	104	102	91	95	89
Cash grain.....	84	119	122	89	109	107
Cotton farms:						
Southern Piedmont.....	84	114	114	92	109	109
Mississippi Delta:						
Small.....	85	109	119	96	106	106
Large-scale.....	84	124	153	91	114	116
Texas:						
Black Prairie.....	61	116	125	87	98	103
High Plains (nonirrigated).....	48	114	99	53	123	90
High Plains (irrigated).....	69	121	118	76	120	109
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	79	103	102	96	97	97
Cotton-general crop (medium-sized).....	76	97	104	88	95	101
Cotton-general crop (large).....	77	95	104	88	93	99
Peanut-cotton farms, Southern Coastal Plains.....	66	127	117	90	115	107
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco.....	89	113	116	95	113	116
Tobacco-cotton.....	88	112	116	95	112	117
Kentucky Bluegrass:						
Tobacco-livestock, Inner Area.....	92	98	103	101	98	104
Tobacco-dairy, Intermediate Area.....	88	109	113	98	105	110
Tobacco-dairy, Outer Area.....	84	104	115	95	102	112
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	81	49	188	91	48	174
Wheat-corn-livestock.....	77	94	102	83	97	103
Wheat-roughage-livestock.....	93	66	204	97	66	193
Winter wheat farms:						
Southern Plains:						
Wheat.....	85	111	111	86	108	104
Wheat-grain sorghum ²	64	143	121	74	131	111
Pacific Northwest:						
Wheat-pea.....	89	88	107	91	86	107
Wheat-fallow.....	74	82	93	78	84	94
Cattle ranches:						
Northern Plains.....	96	117	104	102	107	100
Intermountain Region.....	80	96	101	80	94	99
Southwest.....	64	112	109	80	110	109
Sheep ranches:						
Northern Plains.....	80	104	121	83	93	102
Southwest.....	65	101	100	77	108	101

¹ Preliminary. ² Revised.

hour of labor reflects both the use of labor-saving equipment and developments which increase yields per acre and per unit of livestock. However, the effect of weather probably has not been completely eliminated by averaging a period of years.

Production Per Unit of Input

Production per unit of input is a measure of production efficiency. Over the years, the trend in this measure of efficiency has been upward. From 1951-55 to 1961-62, production per unit of input varied from no change on tobacco-livestock farms in Inner Bluegrass Area of Kentucky to an increase of 101 percent on nonirrigated cotton farms in the High Plains of Texas. Production per unit of input generally increased less than production per hour of labor. This occurred because the increase in labor-saving equipment partly offset the reduction in labor.

The increase in production per unit of input reflects increased mechanization, improved crop and livestock practices, and increased size of farm. On some farms, the effect of these developments was partly offset by the reestablishment of allotments for some important crops in 1954. There are differences between types of farms, because developments which increased efficiency took place before 1951 on some farms and afterward on others.

Operating Expenses Per Unit of Production

The general rise in prices paid tended to increase operating expenses per unit of production. However, on some types of farms, such as the dairy farms in Western Wisconsin and wheat farms in the Northern Plains, increased produc-

tion efficiency more than offset the effect of higher prices paid (table 8). On other types of farms, such as the dairy farms in the Central Northeast and the hog fattening--beef raising farms in the Corn Belt, decreased physical efficiency and high prices paid for production inputs combined to increase operating expenses per unit of production. Farms in the latter group generally had less favorable weather in 1962 than in 1961.

From 1951-55 to 1962, the trend in operating expenses per unit of production was upward on about half of the farm types. This trend usually was associated with an increase in the proportion of purchased inputs, higher prices paid, and a relatively small increase in production efficiency. On the other half of the farms, the trend in operating expenses per unit of production was downward. On these farms, increased efficiency usually offset the effect of higher prices paid for items used in production.

On a few farm types, such as the cotton farms in the High Plains of Texas, there was a decrease in proportion of purchased inputs. The decrease in purchased inputs on these farms was due to a decline in hired labor for harvesting cotton. The downward trend on egg-producing farms in New Jersey was due to the decline in feed prices.

Total Cost Per Unit of Production

Total cost per unit of production differs from operating cost per unit of production in that charges for capital and for operator and family labor and management are added to operating expenses. In both instances, inputs are valued at current prices. Thus total cost per unit of production is a summary measure of

TABLE 8.--Operating expense and total cost per unit of production: Index numbers, specified types of commercial farms, 1962, with comparisons
(1957-59=100)

Type of farm and location	Operating expense per unit of production			Total cost per unit of production		
	AVERAGE 1951-55	1961	1962 ¹	AVERAGE 1951-55	1961	1962 ¹
Dairy farms:						
Central Northeast.....	95	104	110	94	101	106
Eastern Wisconsin:						
Grade A.....	103	102	104	104	100	102
Grade B.....	105	97	99	103	97	100
Western Wisconsin, Grade B.....	105	98	95	106	98	94
Dairy-hog farms, Southeastern Minnesota.....	101	107	110	100	101	103
Poultry farms:						
New Jersey, egg-producing.....	121	87	90	118	89	91
Maine, broilers.....	105	98	104	119	98	101
Delmarva, broilers.....	113	93	99	113	95	101
Corn Belt farms:						
Hog-dairy.....	106	112	119	104	110	115
Hog fattening--beef raising.....	106	113	125	108	108	117
Hog-beef fattening.....	106	111	121	106	106	110
Cash grain.....	100	111	115	99	96	98
Cotton farms:						
Southern Piedmont.....	104	98	99	101	97	99
Mississippi Delta:						
Small.....	97	101	101	97	95	97
Large-scale.....	110	89	88	104	90	90
Texas:						
Black Prairie.....	112	107	105	107	108	104
High Plains (nonirrigated).....	189	90	120	197	84	122
High Plains (irrigated).....	126	89	100	119	86	97
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	93	113	111	95	112	113
Cotton-general crop (medium-sized).....	99	113	109	100	113	109
Cotton-general crop (large).....	101	116	111	100	114	111
Peanut-cotton farms, Southern Coastal Plains.....	98	90	101	108	87	98
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco.....	92	97	97	95	94	94
Tobacco-cotton.....	94	97	96	94	94	94
Kentucky Bluegrass:						
Tobacco-livestock, Inner Area.....	88	108	105	87	106	102
Tobacco-dairy, Intermediate Area.....	87	101	99	92	101	99
Tobacco-dairy, Outer Area.....	92	108	98	96	103	97
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	99	208	60	102	212	61
Wheat-corn-livestock.....	114	99	94	110	103	99
Wheat-roughage-livestock.....	96	139	53	93	145	53
Winter wheat farms:						
Southern Plains:						
Wheat.....	110	94	99	106	92	98
Wheat-grain sorghum ²	114	84	102	125	76	92
Pacific Northwest:						
Wheat-pea.....	107	114	93	99	117	97
Wheat-fallow.....	125	121	109	116	128	113
Cattle ranches:						
Northern Plains.....	95	87	102	94	95	105
Intermountain Region.....	113	115	113	117	114	112
Southwest.....	138	98	104	126	98	103
Sheep ranches:						
Northern Plains.....	119	108	103	120	108	98
Southwest.....	145	96	101	130	96	104

¹ Preliminary. ² Revised.

FOR GROUPS OF FARMS

direct and indirect costs of producing all products on the farm. The more highly specialized the farm business, the more nearly this index reflects changes in the cost of producing a given product. However, this measure of cost reflects changes in value of land and buildings, which in turn are influenced by prices received for products sold. Thus, prices received for products sold partly determine their cost of production.

From 1961 to 1962, changes in total cost per unit of production generally were similar to the changes in operating expenses per unit of production. Wage rates used to value operator and family labor, and land values per acre, generally were higher than in 1961, but interest rates were lower. The net effect was an increase in the cost per unit of production.

From 1951-55 to 1962, the trend in total cost per unit of production frequently differed from the trend in operating expenses per unit of production. Wage rates and prices used to value the unpaid factors generally increased more than prices paid for purchased items. On farms with little or no change in the proportion of purchased inputs, total cost per unit of production increased more than operating expenses per unit of production. On farms with an increase in the proportion of purchased inputs, operating expenses frequently increased relatively more than total costs.

In 1962, total cost per unit of production was less than in 1951-55 on 25 of the 39 types of farms. Increased efficiency on these farms more than offset the effect of higher prices paid for purchased items and of higher cost rates applied to the unpaid factors (operator and family labor and farm assets).

Dairy Farms

Lower prices received for products sold and higher operating expenses in 1962 resulted in lower net farm incomes compared with 1961 on 4 of 5 representative dairy farms in the Midwest and Central Northeast. The exception, grade B dairy farms in Western Wisconsin, realized an increase in net farm income of around 3 percent. Incomes on the others ranged from 7 to 21 percent below those of 1961.

Prices received for milk in 1962 on these dairy farms ranged between 11 and 17 cents per hundredweight below the average for a year earlier. But cash receipts from milk were slightly above those of the previous year on these farms because of increased milk production per farm. Larger milking herds and increased production per cow were responsible for the higher production. Net farm production was greater than in 1961 on all except the Central Northeast dairy farms.

On grade B farms in Western Wisconsin, the increase in farm production in 1962 more than offset higher operating expenses and lower prices received. Operating expenses were up about \$100 per farm from the previous year, but gross farm income increased approximately \$350. Gross farm income also increased on grade A dairy farms in Eastern Wisconsin in 1962 but higher operating expenses more than offset the increase in gross returns. Gross farm incomes declined and operating expenses increased in 1962 on the other dairy farms. Higher operating expenses in 1962 were due to increases in production inputs used and prices paid for these inputs.

Corn Belt Farms

Changes from 1961 in net farm incomes on representative Corn Belt farms ranged from a decline of \$578 per farm on hog-dairy farms to an increase of \$2,790 on hog-beef fattening farms. Incomes were lower in 1962 on hog fattening--beef raising farms but slightly higher than a year earlier on cash grain farms.

Operators of hog-beef fattening farms realized higher returns in 1962 mostly because of higher prices received for fat cattle and increased farm production. Cattle and hog production were greater than in 1961, and per acre yields of corn and hay increased. The average price received for fat cattle in 1962 exceeded that of the previous year by \$4.63 per hundredweight and was higher than the price paid for feeders for the first time in 8 years. Because of an expanded livestock program in 1962, expenditures for feed and for feeder calves rose substantially, and operating expenses on these farms increased nearly 25 percent from a year earlier.

Net farm incomes increased on cash grain farms in 1962 mostly because of increased farm production. Per-acre yields were the same as in 1961 for corn, soybeans, and hay and slightly lower for oats. However, the acreage of cropland harvested increased in 1962 and net farm production was about 2 percent above that of the previous year. Prices received for products sold averaged the same in both years. Operating expenses were higher in 1962, because more inputs were purchased for the larger crop acreages. Prices paid for production goods and services remained unchanged from 1961.

Incomes were lower in 1962 on hog-dairy farms because of lower

prices received for milk and higher operating expenses. The size of the milking herd increased in 1962, but the resulting increase in production of milk per farm was not enough to offset the lower price. Operating expenses were higher in 1962 as more inputs were needed and average prices paid for production goods and services increased nearly 4 percent.

Net incomes on hog fattening--beef raising farms averaged approximately 11 percent lower in 1962 compared with a year earlier. Higher operating expenses more than offset increased sales of crops, hogs, and cattle. Prices received for cattle in 1962 averaged more than \$1 per hundredweight above those of 1961. Hog prices averaged about the same in both years. Operating expenses increased in 1962, because a larger quantity of inputs were purchased at higher prices.

Poultry Farms

Net farm incomes in 1962 averaged higher than in 1961 on typical contract broiler farms in Maine and Delmarva. However, they were lower on egg-producing farms in New Jersey. Broiler growers in Maine and Delmarva realized higher returns largely because of higher contractual payments per 1,000 birds produced. In contrast, lower average prices received for eggs in 1962 contributed to the decline in income for typical egg-producing farms in New Jersey.

Net farm incomes in 1962 for broiler farms in Maine averaged more than 9 percent higher than in 1961, and in Delmarva incomes increased about 2 percent. Payments received per 1,000 birds produced averaged \$7 above the payment in 1961 on broiler units in Maine and

\$11 above on broiler units in Delmarva. Broiler production per farm was slightly higher than in previous years in both areas, because the size of operation continued higher. Operating expenses were slightly higher in 1962 on the Delmarva farms because of increased crop expenses. Expenses in 1962 on the Maine broiler farms declined from a year earlier because of reduced broiler house construction.

Net farm income in 1962 declined about 39 percent from that of the previous year on egg-producing farms in New Jersey. Lower average prices received for eggs and higher prices paid for a larger quantity of feed purchased were largely responsible. The average number of layers on hand during 1962 was up 3 percent from the previous year, thus more feed was required. Eggs produced per farm increased less than 2 percent because of a decline in the rate of lay per bird. Prices received for eggs in 1962 averaged 3 percent below those of the previous year, and feed prices increased 3 percent. Gross farm income declined \$869 per farm, and operating expenses were up \$1,073 from 1961 levels.

Cotton Farms

Net farm incomes in 1962 were higher than a year earlier on 6 of 10 important types of cotton farms. Incomes were below those of 1961 on 4 types. Changes in income ranged from a decline of 49 percent on nonirrigated farms in the High Plains of Texas to an increase of 132 percent on cotton-specialty crop farms in the San Joaquin Valley of California. Minimizing somewhat the significance of these extreme changes is the fact that in 1961 incomes were unusually low on the San Joaquin Valley farms and

record-high on cotton farms in the High Plains of Texas.

Cotton farms with increased incomes from 1961 to 1962, except the large-scale cotton farms in the Mississippi Delta, had higher yields per acre. On the large-scale farms, the increase in income was due to higher production efficiency resulting from the additional use of chemical weed control and mechanical cotton pickers.

Higher prices received for products sold was an additional factor contributing to higher incomes on cotton-specialty farms in the San Joaquin Valley of California, large-scale cotton farms in the Mississippi Delta, and cotton farms in the Southern Piedmont. Prices received for both cotton lint and seed were higher in the Southeast but lower in the other areas. Changes in quality from 1961 contributed to this difference. The increase in prices received on cotton-specialty farms in the San Joaquin Valley was largely due to an increase in prices of potatoes.

Crop yields per acre averaged lower in 1962 than in 1961 on the cotton farms with lower incomes. Lower prices received were a factor, except on the peanut-cotton farms in the Southern Coastal Plains. The only substantial change in acreages of individual crops harvested occurred on cotton farms in the San Joaquin Valley. On both the medium-sized and large cotton-general crop farms, there was a sizeable shift from alfalfa to the feed grains--mostly barley. On cotton-specialty crop farms in the same area, there was a shift from potatoes and alfalfa to feed grains. These changes followed the unusually low prices received in 1961 for potatoes and alfalfa.

Tobacco Farms

Net farm incomes in 1962 on tobacco and tobacco-cotton farms in the Coastal Plain of North Carolina were approximately 7 and 6 percent, respectively, below those of 1961. An 8-percent reduction in average prices received for tobacco and slightly higher prices paid for a larger quantity of production inputs were responsible. Both tobacco acreage per farm and yield per acre were greater than in 1961. Flue-cured tobacco acreage allotments were increased by 4.3 percent from 1961 to 1962. However, the increase in production of tobacco per farm was insufficient to offset the lower prices, and cash receipts from tobacco declined. Operating expenses increased 5 percent on the tobacco farms and 4 percent on the tobacco-cotton farms.

In the Bluegrass area of Kentucky, net farm incomes averaged higher in 1962 than in the previous year on tobacco-livestock farms in the Inner Area and on tobacco-dairy farms in the Outer Area. Incomes were lower than in 1961 on tobacco-dairy farms in the Intermediate Area.

Higher production in 1962 more than offset lower average prices received for products sold and higher operating expenses on farms in the Inner and Outer Areas. On tobacco-dairy farms in the Intermediate area, operating expenses increased more than gross farm income. Prices received for burley tobacco in these areas in 1962 averaged around 12 percent lower than in 1961. The quality of the tobacco was not as good as in 1961. Despite the decline in price, cash receipts from tobacco in 1962 exceeded those of a year earlier on each of these farm types because of higher production. Burley tobacco acreage allotments

were increased for the second consecutive year and were 6 percent higher in 1962 than in 1961. Yields per acre were record-high in 1962.

Increased milk production also offset lower prices received for milk on the tobacco-dairy farms. Operating expenses were higher than in 1961 because of increased purchases of production inputs and record-high prices paid.

Wheat Farms

Net farm incomes in 1962 were higher than in 1961 on 6 of 7 important types of wheat farms in 3 important wheat-producing regions in the United States. Higher crop yields per acre and increases in average prices received were the major factors contributing to higher incomes. Net farm incomes were lower in 1962 than in 1961 on wheat-grain sorghum farms in the Southern Plains. On these farms, per-acre yields of wheat and average prices received in 1962 were below those a year earlier. Incomes on wheat-small grain-livestock farms increased from \$135 per farm in 1961 to a record-high \$11,080 in 1962. However, incomes on these farms were exceptionally low in 1961 because of a severe drought.

The upward trend in size of farm continued in 1962, and the acreage of cropland per farm increased on all 7 types of wheat farms. However, on 5 of these farm types, the acreage of cropland harvested in 1962 was less than in 1961. Much of this reduction in acreage harvested was due to increased participation in Government acreage-diversion programs and in some areas to unfavorable weather conditions during the planting season.

Western Livestock Ranches

In 1962, net ranch incomes ranged from 1 to 17 percent higher than in 1961 on typical Western cattle ranches and 7 and 73 percent higher on sheep ranches in the Southwest and in the Northern Plains, respectively. Drought again plagued parts of the Western livestock ranching area in 1962. For most ranching areas, however, 1962 was an unusually good year. Rains came at the opportune time to produce ample forage and to put livestock in good condition, feed supplies on many ranches and irrigated farms in the valleys were unusually good, and prices received for feeder calves in some areas were the highest in many years.

Increased production per ranch and higher prices received for cattle

and lambs were responsible for the higher incomes on cattle ranches in the Intermountain Area and on sheep ranches in the Northern Plains. Higher incomes on Southwest cattle ranches were largely due to higher prices received for cattle, as net ranch production was the same in both years. An increase in prices received in 1962 more than offset slightly lower production on cattle ranches in the Northern Plains and on sheep ranches in the Southwest. Gross ranch expenses were higher than in 1961 on all except the Southwest sheep ranches. Expenses increased because of higher prices paid for items used in production and larger quantities of inputs purchased. On Southwest sheep ranches, expenses declined less than 1 percent. Prices paid averaged only slightly lower in 1962.

TABLE 9. --Dairy farms, Central Northeast: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	217	226	231	235
Cropland harvested.....	do.	81	84	85	86
Open pasture.....	do.	81	83	86	88
Crops harvested:					
Corn for silage.....	do.	10.7	11.0	10.8	11.5
Small grains.....	do.	14.1	13.8	14.0	13.1
Hay.....	do.	55.7	59.0	60.0	61.0
Crop yields per harvested acre:					
Corn for silage.....	Ton	10.3	10.3	11.5	11.3
Oats.....	Bushel	53.0	52.0	52.0	50.0
Hay.....	Ton	1.8	2.0	2.1	1.6
Livestock on farm, Jan. 1:					
All cattle.....	Number	40.4	42.9	43.3	46.4
Cows and heifers, 2 years old and over.....	do.	27.2	28.8	28.9	31.4
Chickens.....	do.	64	47	44	42
Milk production per cow.....	Pound	7,720	8,160	8,450	8,620
Tractors on farm.....	Number	1.78	1.95	2.00	2.05
Total labor used.....	Hour	4,350	4,400	4,440	4,590
Operator and family.....	do.	3,570	3,560	3,620	3,740
Hired.....	do.	780	840	820	850
Total farm capital, Jan. 1.....	Dollar	35,400	40,600	40,600	42,600
Land and buildings.....	do.	19,000	21,200	21,400	22,400
Machinery and equipment.....	do.	6,500	7,200	7,300	7,700
Livestock.....	do.	7,400	9,700	9,400	9,700
Crops.....	do.	2,500	2,500	2,500	2,800
Total cash receipts.....	do.	10,395	11,411	11,629	12,599
Dairy products.....	do.	8,849	9,820	10,420	10,942
Cattle and calves.....	do.	1,112	1,266	906	1,377
Poultry and eggs.....	do.	350	251	217	191
Other, including Government payments.....	do.	84	74	86	89
Value of perquisites.....	do.	939	945	941	937
Change in inventory of crops and livestock.....	do.	263	113	959	-350
Gross farm income.....	do.	11,597	12,469	13,529	13,186

TABLE 9.--Dairy farms, Central Northeast: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	7,415	8,442	9,325	9,944
Feed purchased.....	do.	2,245	2,559	3,005	3,354
Livestock purchased.....	do.	163	126	222	209
Other livestock expense.....	do.	312	359	384	406
Fertilizer and lime.....	do.	331	378	397	438
Other crop expense.....	do.	290	323	328	327
Machinery.....	do.	2,364	2,580	2,813	2,925
Farm buildings and fences.....	do.	373	520	522	537
Labor hired.....	do.	626	738	726	751
Taxes.....	do.	523	631	688	743
Other.....	do.	188	228	240	254
Change in inventory of machinery and buildings.	do.	-117	-207	-293	-307
Total operating expenses.....	do.	7,298	8,235	9,032	9,637
Net farm income.....	do.	4,299	4,234	4,497	3,549
Purchasing power in 1947-49 dollars.....	do.	3,643	3,558	3,779	2,958
Charge for capital at current interest rates...	do.	1,955	2,436	2,436	2,450
Return per hour, operator and family labor.....	do.	.66	.50	.57	.29
Charge for capital at 4.1 percent interest.....	do.	1,451	1,665	1,665	1,747
Return per hour, operator and family labor.....	do.	.80	.72	.78	.48
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	108	117	114
Net farm income.....	---	100	99	107	83
Net farm production.....	---	100	108	116	114
Crop yields per acre.....	---	100	106	111	97
Production per hour of man labor.....	---	100	106	114	108
Production per unit of input.....	---	100	101	104	99
Operating expense per unit of production.....	---	100	104	104	110
Total cost per unit of production.....	---	100	104	101	106
Power and machinery (quantity).....	---	100	103	105	106
Prices received for products sold.....	---	100	99	97	95
Prices paid, including wages to hired labor..	---	100	103	103	104

¹ Preliminary.

TABLE 10.--Dairy farms, grade A, Eastern Wisconsin: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	157	163	167	171
Cropland harvested.....	do.	104	109	111	115
Open pasture.....	do.	32	33	33	32
Crops harvested:					
Corn for grain.....	do.	17.0	21.0	21.6	20.5
Corn for silage.....	do.	16.4	16.6	15.4	18.1
Small grains.....	do.	29.5	27.2	29.0	28.5
Hay.....	do.	35.7	38.7	38.4	41.7
Crop yields per harvested acre:					
Corn for grain.....	Bushel	66.4	67.4	78.5	71.4
Corn for silage.....	Ton	10.0	10.4	12.0	11.8
Oats.....	Bushel	59.3	51.3	61.4	60.8
Hay.....	Ton	2.7	3.2	3.1	3.3
Livestock on farm, Jan. 1:					
All cattle.....	Number	43.5	48.3	50.7	53.8
Cows and heifers, 2 years old and over.....	do.	27.2	29.0	30.2	31.7
Milk production per cow.....	Pound	9,440	9,780	9,950	10,150
Pigs raised.....	Number	35	32	30	29
Tractors on farm.....	do.	2.35	2.46	2.50	2.54
Total labor used.....	Hour	4,320	4,380	4,460	4,580
Operator and family.....	do.	3,900	3,950	4,000	4,120
Hired.....	do.	420	430	460	460
Total farm capital, Jan. 1.....	Dollar	52,610	60,120	62,180	66,740
Land and buildings.....	do.	30,060	34,230	35,230	38,220
Machinery and equipment.....	do.	9,500	10,690	11,240	11,790
Livestock.....	do.	9,260	11,030	11,380	12,070
Crops.....	do.	3,790	4,170	4,330	4,660
Total cash receipts.....	do.	11,365	12,372	13,773	13,842
Dairy products.....	do.	8,044	9,447	10,258	10,289
Cattle and calves.....	do.	1,629	1,750	1,863	2,263
Hogs.....	do.	1,171	940	968	954
Crops.....	do.	248	216	541	188
Other, including Government payments.....	do.	273	19	143	148
Value of perquisites.....	do.	994	1,046	1,064	1,112
Change in inventory of crops and livestock.....	do.	515	741	758	684
Gross farm income.....	do.	12,874	14,159	15,595	15,638

TABLE 10.--Dairy farms, grade A, Eastern Wisconsin: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	8,194	9,062	9,719	10,240
Feed purchased.....	do.	944	965	1,078	1,162
Livestock purchased.....	do.	18	0	0	0
Other livestock expense.....	do.	502	575	623	672
Fertilizer and lime.....	do.	333	343	383	386
Other crop expense.....	do.	454	497	527	568
Machinery.....	do.	3,299	3,715	3,823	3,904
Farm buildings and fences.....	do.	1,153	1,212	1,385	1,494
Labor hired.....	do.	394	418	450	463
Taxes.....	do.	837	1,047	1,126	1,262
Other.....	do.	260	290	324	329
Change in inventory of machinery and buildings.	do.	-637	-761	-818	-823
Total operating expenses.....	do.	7,557	8,301	8,901	9,417
Net farm income.....	do.	5,317	5,858	6,694	6,221
Purchasing power in 1947-49 dollars.....	do.	4,531	4,923	5,625	5,184
Charge for capital at current interest rates...	do.	2,638	3,607	3,420	3,670
Return per hour, operator and family labor.....	do.	.69	.57	.82	.62
Charge for capital at 4.1 percent interest.....	do.	2,157	2,465	2,550	2,736
Return per hour, operator and family labor.....	do.	.81	.86	1.04	.85
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	110	121	121
Net farm income.....	---	100	110	126	117
Net farm production.....	---	100	108	116	120
Crop yields per acre.....	---	100	104	114	111
Production per hour of man labor.....	---	100	107	113	113
Production per unit of input.....	---	100	104	108	108
Operating expense per unit of production.....	---	100	102	102	104
Total cost per unit of production.....	---	100	101	100	102
Power and machinery (quantity).....	---	100	108	111	114
Prices received for products sold.....	---	100	103	104	100
Prices paid, including wages to hired labor..	---	100	104	106	108

¹ Preliminary.

TABLE 11. --Dairy farms, grade B, Eastern Wisconsin: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	131	136	139	142
Cropland harvested.....	do.	77	80	82	84
Open pasture.....	do.	32	33	33	33
Crops harvested:					
Corn for grain.....	do.	8.9	10.8	10.9	11.0
Corn for silage.....	do.	10.4	11.6	11.0	11.7
Small grains.....	do.	25.3	24.2	26.3	25.7
Hay.....	do.	30.3	32.3	32.0	34.6
Crop yields per harvested acre:					
Corn for grain.....	Bushel	58.5	59.3	70.2	64.0
Corn for silage.....	Ton	8.8	9.2	10.7	10.5
Oats.....	Bushel	55.2	47.7	56.8	56.2
Hay.....	Ton	2.2	2.6	2.5	2.6
Livestock on farm, Jan. 1:					
All cattle.....	Number	29.1	30.5	32.0	34.1
Cows and heifers, 2 years old and over.....	do.	18.8	19.7	20.4	21.4
Chickens.....	do.	105	93	86	73
Milk production per cow.....	Pound	8,130	8,320	8,480	8,670
Pigs raised.....	Number	24	26	23	23
Tractors on farm.....	do.	1.85	1.92	1.94	1.96
Total labor used.....	Hour	3,620	3,620	3,670	3,790
Operator and family.....	do.	3,510	3,530	3,580	3,700
Hired.....	do.	110	90	90	90
Total farm capital, Jan. 1.....	Dollar	36,020	40,210	41,160	44,570
Land and buildings.....	do.	21,980	25,020	25,720	28,120
Machinery and equipment.....	do.	6,310	6,290	6,280	6,370
Livestock.....	do.	5,270	6,000	6,200	6,530
Crops.....	do.	2,460	2,900	2,960	3,550
Total cash receipts.....	do.	6,701	7,026	7,509	7,760
Dairy products.....	do.	4,242	4,766	5,221	5,253
Cattle and calves.....	do.	1,019	936	958	1,197
Hogs.....	do.	780	751	727	750
Poultry and eggs.....	do.	510	425	383	291
Crops.....	do.	116	134	157	205
Other, including Government payments.....	do.	34	14	63	64
Value of perquisites.....	do.	893	982	989	1,025
Change in inventory of crops and livestock....	do.	265	348	775	292
Gross farm income.....	do.	7,859	8,356	9,273	9,077

TABLE 11. --Dairy farms, grade B, Eastern Wisconsin: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	5,260	5,480	5,805	5,940
Feed purchased.....	do.	838	705	854	755
Livestock purchased.....	do.	41	29	21	16
Other livestock expense.....	do.	348	401	428	462
Fertilizer and lime.....	do.	208	214	239	238
Other crop expense.....	do.	378	408	413	442
Machinery.....	do.	2,006	2,158	2,165	2,230
Farm buildings and fences.....	do.	581	559	607	650
Labor hired.....	do.	103	89	86	93
Taxes.....	do.	549	682	734	789
Other.....	do.	208	235	258	265
Change in inventory of machinery and buildings	do.	63	77	31	19
Total operating expenses.....	do.	5,323	5,557	5,836	5,959
Net farm income.....	do.	2,536	2,799	3,437	3,118
Purchasing power in 1947-49 dollars.....	do.	2,158	2,352	2,888	2,598
Charge for capital at current interest rates..	do.	1,805	2,413	2,264	2,451
Return per hour, operator and family labor....	do.	.21	.11	.33	.18
Charge for capital at 4.1 percent interest....	do.	1,477	1,649	1,688	1,827
Return per hour, operator and family labor....	do.	.30	.33	.49	.35
INDEX NUMBERS (1957-59 =100):					
Gross farm income.....	---	100	106	119	127
Net farm income.....	---	100	110	136	123
Net farm production.....	---	100	107	115	117
Crop yields per acre.....	---	100	104	114	112
Production per hour of man labor.....	---	100	107	113	112
Production per unit of input.....	---	100	103	108	107
Operating expense per unit of production....	---	100	100	97	99
Total cost per unit of production.....	---	100	100	97	100
Power and machinery (quantity).....	---	100	95	93	92
Prices received for products sold.....	---	100	102	105	102
Prices paid, including wages to hired labor.	---	100	104	104	108

¹ Preliminary.

TABLE 12. --Dairy farms, grade B, Western Wisconsin: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	169	176	180	184
Cropland harvested.....	do.	79	83	85	88
Open pasture.....	do.	41	43	44	45
Crops harvested:					
Corn for grain.....	do.	15.4	15.8	17.0	19.5
Corn for silage.....	do.	9.1	10.6	8.4	7.3
Small grains.....	do.	21.8	22.2	22.7	22.1
Hay.....	do.	32.1	34.1	35.9	38.1
Crop yields per harvested acre:					
Corn for grain.....	Bushel	63.5	56.4	68.3	67.8
Corn for silage.....	Ton	10.5	8.5	12.2	12.7
Oats.....	Bushel	52.1	51.7	58.1	52.7
Hay.....	Ton	2.4	2.9	2.8	3.3
Livestock on farm, Jan. 1:					
All cattle.....	Number	37.9	39.2	40.9	42.6
Cows and heifers, 2 years old and over.....	do.	20.9	21.0	22.0	22.7
Chickens.....	do.	108	95	82	69
Milk production per cow.....	Pound	7,760	8,010	8,160	8,340
Pigs raised.....	Number	22	20	21	22
Tractors on farm.....	do.	1.71	1.80	1.83	1.85
Total labor used.....	Hour	4,190	4,190	4,170	4,240
Operator and family.....	do.	3,840	3,880	3,880	3,950
Hired.....	do.	350	310	290	290
Total farm capital, Jan. 1.....	Dollar	27,680	31,220	32,860	36,040
Land and buildings.....	do.	14,800	17,460	18,850	21,020
Machinery and equipment.....	do.	3,860	3,910	4,000	4,160
Livestock.....	do.	6,400	7,060	7,320	7,600
Crops.....	do.	2,620	2,790	2,690	3,260
Total cash receipts.....	do.	7,117	7,546	7,894	8,192
Dairy products.....	do.	4,254	4,793	5,261	5,362
Cattle and calves.....	do.	1,492	1,389	1,438	1,477
Hogs.....	do.	725	548	666	649
Poultry and eggs.....	do.	479	408	337	253
Crops.....	do.	120	371	92	346
Other, including Government payments.....	do.	47	37	100	105
Value of perquisites.....	do.	749	819	843	837
Change in inventory of crops and livestock.....	do.	203	250	712	771
Gross farm income.....	do.	8,069	8,615	9,449	9,800

TABLE 12.--Dairy farms, grade B, Western Wisconsin: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	4,542	5,017	5,196	5,444
Feed purchased.....	do.	711	683	722	737
Livestock purchased.....	do.	42	29	20	15
Other livestock expense.....	do.	313	351	371	395
Fertilizer and lime.....	do.	209	236	265	270
Other crop expense.....	do.	326	385	389	435
Machinery.....	do.	1,689	1,927	1,965	2,029
Farm buildings and fences.....	do.	385	404	440	468
Labor hired.....	do.	306	288	271	272
Taxes.....	do.	408	525	561	625
Other.....	do.	153	189	192	198
Change in inventory of machinery and buildings	do.	136	-38	-57	-74
Total operating expenses.....	do.	4,678	4,979	5,139	5,370
Net farm income.....	do.	3,391	3,636	4,310	4,430
Purchasing power in 1947-49 dollars.....	do.	2,889	3,055	3,622	3,692
Charge for capital at current interest rates..	do.	1,387	1,873	1,807	1,982
Return per hour, operator and family labor....	do.	.52	.45	.64	.62
Charge for capital at 4.1 percent interest....	do.	1,135	1,280	1,347	1,478
Return per hour, operator and family labor....	do.	.59	.61	.76	.75
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	107	117	121
Net farm income.....	---	100	107	127	131
Net farm production.....	---	100	106	114	124
Crop yields per acre.....	---	100	103	112	117
Production per hour of man labor.....	---	100	106	114	123
Production per unit of input.....	---	100	103	108	114
Operating expense per unit of production....	---	100	101	98	95
Total cost per unit of production.....	---	100	102	98	94
Power and machinery (quantity).....	---	100	100	101	102
Prices received for products sold.....	---	100	100	104	101
Prices paid, including wages to hired labor.	---	100	104	105	108

¹ Preliminary.

TABLE 13.--Dairy-hog farms, Southeastern Minnesota: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	157	163	167	171
Cropland harvested.....	do.	96	103	102	104
Open pasture.....	do.	28	27	28	28
Crops harvested:					
Corn for grain.....	do.	30.7	32.6	33.6	35.9
Corn for silage.....	do.	9.8	12.3	10.6	8.0
Small grains.....	do.	28.9	29.2	28.1	28.0
Hay.....	do.	26.2	28.8	30.1	32.4
Crop yields per harvested acre:					
Corn for grain.....	Bushel	57.4	54.9	67.2	60.2
Corn for silage.....	Ton	9.9	8.8	11.8	10.4
Oats.....	Bushel	50.3	47.8	50.8	49.5
Hay.....	Ton	2.6	2.8	2.8	3.2
Livestock on farm, Jan. 1:					
All cattle.....	Number	32.5	33.0	34.7	36.7
Cows and heifers, 2 years old and over.....	do.	19.7	19.9	20.5	21.3
Chickens.....	do.	145	128	116	130
Milk production per cow.....	Pound	7,630	8,250	8,380	8,450
Pigs raised.....	Number	45	46	48	48
Tractors on farm.....	do.	1.81	2.00	2.14	2.20
Total labor used.....	Hour	3,930	3,990	4,060	4,190
Operator and family.....	do.	3,620	3,670	3,760	3,880
Hired.....	do.	310	320	300	310
Total farm capital, Jan. 1.....	Dollar	45,100	49,890	49,840	53,820
Land and buildings.....	do.	29,560	33,430	33,080	35,230
Machinery and equipment.....	do.	6,680	7,090	7,160	7,280
Livestock.....	do.	5,900	6,120	6,680	7,240
Crops.....	do.	2,960	3,250	2,920	4,070
Total cash receipts.....	do.	8,337	8,708	9,324	9,952
Dairy products.....	do.	4,380	4,882	5,496	5,514
Cattle and calves.....	do.	1,190	1,111	1,122	1,265
Hogs.....	do.	1,576	1,488	1,713	1,639
Poultry and eggs.....	do.	574	517	452	492
Crops.....	do.	568	681	390	861
Other, including Government payments.....	do.	49	29	151	181
Value of perquisites.....	do.	739	765	789	774
Change in inventory of crops and livestock....	do.	148	227	1,105	365
Gross farm income.....	do.	9,224	9,700	11,218	11,091

TABLE 13.--Dairy-hog farms, Southeastern Minnesota: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	5,276	6,227	6,525	6,924
Feed purchased.....	do.	688	739	812	859
Livestock purchased.....	do.	55	44	45	44
Other livestock expense.....	do.	263	327	375	407
Fertilizer and lime.....	do.	169	224	235	244
Other crop expense.....	do.	256	375	411	493
Machinery.....	do.	2,307	2,604	2,588	2,717
Farm buildings and fences.....	do.	514	678	847	879
Labor hired.....	do.	294	310	302	298
Taxes.....	do.	575	726	681	740
Other.....	do.	155	200	229	243
Change in inventory of machinery and buildings.	do.	-12	-79	-175	-242
Total operating expenses.....	do.	5,264	6,148	6,350	6,682
Net farm income.....	do.	3,960	3,552	4,868	4,409
Purchasing power in 1947-49 dollars.....	do.	3,374	2,985	4,091	3,674
Charge for capital at current interest rates...	do.	2,261	2,993	2,741	2,960
Return per hour, operator and family labor.....	do.	.47	.15	.57	.37
Charge for capital at 4.1 percent interest.....	do.	1,849	2,045	2,043	2,207
Return per hour, operator and family labor.....	do.	.58	.41	.75	.57
INDEX NUMBERS (1957-59 =100):					
Gross farm income.....	---	100	105	122	120
Net farm income.....	---	100	90	123	111
Net farm production.....	---	100	103	112	113
Crop yields per acre.....	---	100	99	111	107
Production per hour of man labor.....	---	100	102	109	106
Production per unit of input.....	---	100	97	102	99
Operating expense per unit of production.....	---	100	112	107	110
Total cost per unit of production.....	---	100	106	101	103
Power and machinery (quantity).....	---	100	99	99	99
Prices received for products sold.....	---	100	98	106	101
Prices paid, including wages to hired labor..	---	100	104	103	105

¹ Preliminary.

TABLE 14.--Egg-producing farms, New Jersey: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	10	10	10	10
Cropland harvested.....	do.	0	0	0	0
Laying hens on farm, Jan. 1.....	Number	4,687	4,910	5,010	5,050
Chickens raised.....	do.	3,042	2,771	2,323	2,423
Average number of layers on hand, during year.	do.	4,080	4,193	4,514	4,646
Rate of lay, eggs per layer on hand during year.....	do.	195	193	194	192
Total labor used.....	Hour	5,200	5,130	5,250	5,010
Operator and family.....	do.	4,280	4,330	4,350	4,110
Hired.....	do.	920	800	900	900
Total farm capital, Jan. 1.....	Dollar	42,090	43,140	44,970	44,720
Land and buildings.....	do.	32,850	34,040	34,730	34,870
Machinery and equipment.....	do.	1,890	1,980	2,220	2,270
Livestock.....	do.	7,350	7,120	8,020	7,580
Total cash receipts.....	do.	25,410	27,142	27,353	26,538
Eggs.....	do.	24,658	26,261	26,673	25,834
Cull layers.....	do.	752	881	680	704
Value of perquisites.....	do.	922	952	961	967
Change in inventory of crops and livestock....	do.	182	160	60	0
Gross farm income.....	do.	26,514	28,254	28,374	27,505

TABLE 14. --Egg-producing farms, New Jersey: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	25,487	23,729	24,014	24,778
Feed purchased.....	do.	19,286	17,661	18,018	18,931
Baby chicks.....	do.	1,419	1,253	1,032	1,077
Other poultry expense.....	do.	490	504	542	557
Machinery.....	do.	926	984	973	993
Brooder fuel.....	do.	183	166	155	162
Farm buildings.....	do.	1,530	1,507	1,497	1,181
Labor hired.....	do.	840	750	844	892
Taxes.....	do.	434	503	539	556
Telephone.....	do.	33	42	43	45
Electricity.....	do.	230	236	240	245
Insurance.....	do.	34	39	41	46
Miscellaneous expenses.....	do.	82	84	90	93
Change in inventory of machinery and buildings	do.	-715	-633	-599	-290
Total operating expenses.....	do.	24,772	23,096	23,415	24,488
Net farm income.....	do.	1,742	5,158	4,959	3,017
Purchasing power in 1947-49 dollars.....	do.	1,488	4,334	4,167	2,514
Charge for capital at current interest rates..	do.	2,317	2,588	2,698	2,571
Return per hour, operator and family labor....	do.	-.14	.59	.52	.11
Charge for capital at 4.1 percent interest....	do.	1,725	1,769	1,844	1,834
Return per hour, operator and family labor....	do.	(²)	.78	.72	.29
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	107	107	104
Net farm income.....	---	100	296	285	173
Net farm production.....	---	100	104	125	126
Rate of lay.....	---	100	99	99	98
Production per hour of man labor.....	---	100	106	124	130
Production per unit of input.....	---	100	100	104	105
Operating expense per unit of production....	---	100	92	87	90
Total cost per unit of production.....	---	100	94	89	91
Power and machinery (quantity).....	---	100	105	107	109
Prices received for products sold.....	---	100	105	98	94
Prices paid, including wages to hired labor	---	100	93	91	93

¹ Preliminary. ² Less than one.

TABLE 15. --Broiler farms, Maine: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	116	119	119	119
Cropland harvested.....	do.	3.6	2.0	2.0	2.4
Hay harvested.....	do.	3.6	2.0	2.0	2.4
Hay yield per harvested acre.....	Ton	1.20	1.30	1.30	1.18
Broilers on farm, Jan. 1.....	Number	13,951	15,073	15,301	15,524
Broilers produced annually:					
Number.....	do.	54,790	59,761	61,278	63,244
Pounds.....	Pound	208,215	233,068	238,984	246,652
Tractors on farm.....	Number	.56	.57	.56	.54
Total labor used.....	Hour	2,290	2,050	2,020	2,060
Operator and family.....	do.	1,900	1,740	1,720	1,730
Hired.....	do.	390	310	300	330
Total farm capital, Jan. 1.....	Dollar	24,150	29,740	30,830	31,700
Land and buildings.....	do.	17,930	22,030	22,990	23,310
Machinery and equipment.....	do.	6,220	7,710	7,840	8,390
Total cash receipts.....	do.	5,645	6,503	6,404	7,063
Broilers.....	do.	5,253	6,155	6,067	6,704
Crops.....	do.	110	60	58	75
Forest products.....	do.	98	97	95	94
Other, including Government payments.....	do.	184	191	184	190
Value of perquisites.....	do.	329	352	354	360
Gross farm income.....	do.	5,974	6,855	6,758	7,423

TABLE 15. --Broiler farms, Maine: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures ²	Dollar	3,675	3,875	5,024	4,294
Machinery.....	do.	1,571	1,809	2,055	1,747
Farm buildings.....	do.	966	887	1,751	1,258
Hired labor.....	do.	407	335	344	377
Taxes.....	do.	323	408	424	449
Electricity and miscellaneous broiler expense.....	do.	358	375	387	397
Other.....	do.	50	61	63	66
Change in inventory of machinery and buildings	do.	-897	-753	-2,042	-1,008
Total operating expenses.....	do.	2,778	3,122	2,982	3,286
Net farm income.....	do.	3,196	3,733	3,776	4,137
Purchasing power in 1947-49 dollars.....	do.	2,723	3,137	3,173	3,448
Charge for capital at current interest rates..	do.	1,332	1,784	1,850	1,823
Return per hour, operator and family labor....	do.	.98	1.12	1.12	1.34
Charge for capital at 4.1 percent interest....	do.	990	1,219	1,264	1,300
Return per hour, operator and family labor....	do.	1.16	1.44	1.46	1.64
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	115	113	124
Net farm income.....	---	100	117	118	129
Net farm production.....	---	100	107	110	113
Broilers produced annually.....	---	100	112	115	118
Production per hour of man labor.....	---	100	120	124	126
Production per unit of input.....	---	100	106	112	110
Operating expense per unit of production....	---	100	105	98	104
Total cost per unit of production.....	---	100	101	98	101
Power and machinery (quantity).....	---	100	115	117	119
Prices received for products sold.....	---	100	107	103	110
Prices paid, including wages to hired labor.	---	100	107	110	110

¹ Preliminary. ² Feed, chicks, medicines, and related items are supplied by the integrators.

TABLE 16.--Broiler farms, Delmarva: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	106	106	106	109
Cropland harvested.....	do.	79	87	85	88
Crops harvested:					
Corn.....	do.	37.8	38.4	30.4	34.0
Soybeans.....	do.	40.9	48.8	54.7	53.6
Crop yields per harvested acre:					
Corn.....	Bushel	48.8	60.7	58.7	59.6
Soybeans.....	do.	22.4	25.2	23.7	20.2
Broilers on farm, Jan. 1.....	Number	9,710	10,190	10,548	10,905
Broilers produced annually:					
Number.....	do.	38,014	41,516	42,971	44,426
Pounds.....	Pound	131,574	153,609	158,993	168,819
Total labor used.....	Hour	2,040	2,130	2,120	2,190
Operator and family.....	do.	1,830	1,920	1,910	1,970
Hired.....	do.	210	210	210	220
Total farm capital, Jan. 1.....	Dollar	27,860	32,230	33,480	34,900
Land and buildings.....	do.	21,210	25,140	26,370	27,660
Machinery and equipment.....	do.	6,590	7,050	7,110	7,240
Crops and livestock.....	do.	60	40	---	---
Total cash receipts.....	do.	7,068	8,852	8,417	8,822
Broilers.....	do.	2,680	3,253	2,924	3,527
Crops.....	do.	4,254	5,479	5,162	5,083
Livestock and livestock products.....	do.	91	77	---	---
Other, including Government payments.....	do.	43	43	331	212
Value of perquisites.....	do.	501	551	558	572
Change in inventory of crops and livestock....	do.	-12	-39	---	---
Gross farm income.....	do.	7,557	9,364	8,975	9,394

TABLE 16. --Broiler farms, Delmarva: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures ²	Dollar	3,728	3,984	3,963	4,060
Feed purchased and livestock expense.....	do.	53	47	33	34
Fertilizer and lime.....	do.	553	545	481	492
Other crop expense.....	do.	238	260	240	265
Machinery.....	do.	1,944	2,067	2,112	2,152
Farm buildings and fences.....	do.	482	565	599	611
Hired labor.....	do.	202	219	212	207
Taxes.....	do.	129	147	147	153
Other.....	do.	127	134	139	146
Change in inventory of machinery and buildings	do.	-282	-284	-309	-208
Total operating expenses.....	do.	3,446	3,700	3,654	3,852
Net farm income.....	do.	4,111	5,664	5,321	5,542
Purchasing power in 1947-49 dollars.....	do.	3,497	4,760	4,471	4,618
Charge for capital at current interest rates..	do.	1,582	1,984	2,056	2,141
Return per hour, operator and family labor....	do.	1.38	1.92	1.71	1.73
Charge for capital at 4.1 percent interest ³ ...	do.	1,186	1,371	1,420	1,478
Return per hour, operator and family labor....	do.	1.60	2.24	2.04	2.06
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	124	119	124
Net farm income.....	---	100	138	129	135
Net farm production.....	---	100	120	113	112
Broilers produced annually.....	---	100	117	121	128
Production per hour of man labor.....	---	100	114	108	105
Production per unit of input.....	---	100	120	110	106
Operating expense per unit of production....	---	100	89	93	99
Total cost per unit of production.....	---	100	91	95	101
Power and machinery (quantity).....	---	100	100	100	100
Prices received for products sold.....	---	100	104	102	108
Prices paid, including wages to hired labor.	---	100	104	104	105

¹ Preliminary. ² Feed, chicks, medicines, and related items are supplied by the integrators.

³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 17.--Hog-dairy farms, Corn Belt: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	170	178	182	184
Cropland harvested.....	do.	104	109	106	108
Crops harvested:					
Corn for grain.....	do.	42.8	47.0	44.0	44.5
Corn for silage.....	do.	3.3	4.0	4.5	5.5
Small grains.....	do.	26.8	25.1	26.5	26.0
Hay.....	do.	31.3	32.9	31.0	32.0
Crop yields per harvested acre:					
Corn for grain.....	Bushel	76.2	70.6	79.0	79.0
Corn for silage.....	Ton	13.0	11.9	15.7	15.7
Oats.....	Bushel	52.9	44.7	52.6	53.6
Hay.....	Ton	2.4	2.7	2.5	2.6
Livestock on farm, Jan. 1:					
All cattle.....	Number	32.1	32.9	33.3	33.8
Cows and heifers, 2 years old and over.....	do.	17.7	18.0	18.0	18.2
Chickens.....	do.	135	102	93	102
Pigs raised.....	do.	127	127	143	144
Milk production per cow.....	Pound	7,120	7,350	7,555	7,550
Tractors on farm.....	Number	2.16	2.38	2.28	2.30
Total labor used.....	Hour	4,400	4,440	4,460	4,520
Operator and family.....	do.	3,930	4,000	4,010	4,070
Hired.....	do.	470	440	450	450
Total farm capital, Jan. 1.....	Dollar	51,370	56,620	56,420	59,530
Land and buildings.....	do.	33,980	39,160	38,040	39,930
Machinery and equipment.....	do.	6,590	7,140	7,300	7,480
Livestock.....	do.	6,620	6,380	7,230	7,390
Crops.....	do.	4,180	3,940	3,850	4,730
Total cash receipts.....	do.	11,520	11,077	12,280	12,268
Crops.....	do.	1,111	1,052	563	792
Cattle and calves.....	do.	1,504	1,481	1,554	1,315
Hogs.....	do.	4,511	3,974	5,006	5,122
Dairy products.....	do.	3,663	4,047	4,424	4,257
Poultry and eggs.....	do.	585	429	376	377
Other, including Government payments.....	do.	146	94	357	405
Value of perquisites.....	do.	790	875	864	904
Change in inventory of crops and livestock.....	do.	162	181	604	586
Gross farm income.....	do.	12,472	12,133	13,748	13,758

TABLE 17.--Hog-dairy farms, Corn Belt: Organization, production, costs and returns, 1962,
with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	6,755	7,394	7,834	8,464
Feed purchased.....	do.	1,199	1,306	1,431	1,533
Livestock purchased.....	do.	78	42	44	44
Other livestock expense.....	do.	235	243	317	380
Fertilizer and lime.....	do.	340	367	393	431
Other crop expense.....	do.	355	426	432	491
Machinery.....	do.	2,665	2,837	2,951	3,165
Farm buildings and fences.....	do.	658	775	797	830
Labor hired.....	do.	477	484	495	511
Taxes.....	do.	561	684	724	807
Other.....	do.	187	230	250	272
Change in inventory of machinery and buildings	do.	-85	-68	-58	-100
Total operating expenses.....	do.	6,670	7,326	7,776	8,364
Net farm income.....	do.	5,802	4,807	5,972	5,394
Purchasing power in 1947-49 dollars.....	do.	4,944	4,039	5,018	4,495
Charge for capital at current interest rates..	do.	2,588	3,397	3,272	3,274
Return per hour, operator and family labor....	do.	.82	.35	.67	.52
Charge for capital at 4.1 percent interest....	do.	2,106	2,321	2,313	2,441
Return per hour, operator and family labor....	do.	.94	.62	.91	.73
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	97	110	110
Net farm income.....	---	100	83	103	93
Net farm production.....	---	100	97	102	103
Crop yields per acre.....	---	100	95	104	105
Production per hour of man labor.....	---	100	96	101	100
Production per unit of input.....	---	100	94	97	94
Operating expense per unit of production....	---	100	112	112	119
Total cost per unit of production.....	---	100	112	110	115
Power and machinery (quantity).....	---	100	102	103	104
Prices received for products sold.....	---	100	99	105	101
Prices paid, including wages to hired labor.	---	100	102	103	107

¹ Preliminary.

TABLE 18.--Hog fattening--beef raising farms, Corn Belt: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	239	251	259	267
Cropland harvested.....	do.	108	116	112	119
Crops harvested:					
Corn.....	do.	38.9	45.8	38.6	41.0
Small grains.....	do.	20.1	19.1	19.2	18.0
Soybeans.....	do.	14.3	15.8	20.7	24.0
Hay.....	do.	34.6	35.3	33.7	36.0
Crop yields per harvested acre:					
Corn for grain.....	Bushel	62.0	56.1	61.0	57.6
Oats.....	do.	36.2	38.3	40.4	38.0
Soybeans.....	do.	25.8	23.3	26.7	25.1
Hay.....	Ton	1.8	1.8	1.9	1.8
Livestock on farm, Jan. 1:					
All cattle.....	Number	33.2	36.7	38.9	39.9
Cows and heifers, 2 years old and over.....	do.	19.7	20.0	19.9	21.0
Chickens.....	do.	78	63	57	52
Pigs raised.....	do.	95.8	98.0	113.0	125.0
Tractors on farm.....	do.	1.66	1.72	1.75	1.78
Total labor used.....	Hour	3,470	3,540	3,530	3,640
Operator and family.....	do.	3,230	3,300	3,290	3,390
Hired.....	do.	240	240	240	250
Total farm capital, Jan. 1.....	Dollar	44,490	49,780	51,550	54,510
Land and buildings.....	do.	29,220	33,880	34,480	37,110
Machinery and equipment.....	do.	5,330	5,770	5,940	6,180
Livestock.....	do.	6,580	6,890	7,870	7,420
Crops.....	do.	3,360	3,240	3,260	3,800
Total cash receipts.....	do.	7,758	7,418	8,445	9,167
Crops.....	do.	1,348	1,536	1,230	1,314
Cattle and calves.....	do.	2,003	2,094	2,276	2,556
Hogs.....	do.	3,392	3,125	3,900	4,363
Dairy products.....	do.	420	288	256	196
Poultry and eggs.....	do.	320	235	253	195
Other, including Government payments.....	do.	275	140	530	543
Value of perquisites.....	do.	562	639	645	687
Change in inventory of crops and livestock....	do.	303	366	580	16
Gross farm income.....	do.	8,623	8,423	9,670	9,870

TABLE 18. --Hog fattening--beef raising farms, Corn Belt: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	5,027	5,585	6,003	6,633
Feed purchased.....	do.	811	843	968	1,101
Livestock purchased.....	do.	38	26	23	23
Other livestock expense.....	do.	152	180	200	219
Fertilizer and lime.....	do.	352	407	512	584
Other crop expense.....	do.	260	324	332	389
Machinery.....	do.	2,043	2,232	2,268	2,384
Farm buildings and fences.....	do.	622	672	688	760
Labor hired.....	do.	230	236	240	255
Taxes.....	do.	431	555	630	752
Other.....	do.	88	110	142	166
Change in inventory of machinery and buildings	do.	-378	-387	-375	-379
Total operating expenses.....	do.	4,649	5,198	5,628	6,254
Net farm income.....	do.	3,974	3,225	4,042	3,616
Purchasing power in 1947-49 dollars.....	do.	3,387	2,710	3,397	3,013
Charge for capital at current interest rates..	do.	2,370	3,102	3,112	3,133
Return per hour, operator and family labor....	do.	.50	.04	.28	.14
Charge for capital at 4.1 percent interest ² ...	do.	1,923	2,156	2,236	2,370
Return per hour, operator and family labor....	do.	.63	.32	.55	.37
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	98	112	114
Net farm income.....	---	100	81	102	91
Net farm production.....	---	100	101	105	104
Crop yields per acre.....	---	100	95	102	96
Production per hour of man labor.....	---	100	99	104	99
Production per unit of input.....	---	100	97	97	92
Operating expense per unit of production.....	---	100	109	113	125
Total cost per unit of production.....	---	100	108	108	117
Power and machinery (quantity).....	---	100	104	105	107
Prices received for products sold.....	---	100	95	102	104
Prices paid, including wages to hired labor..	---	100	102	103	107

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 19. --Hog-beef fattening farms, Corn Belt: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	209	216	221	227
Cropland harvested.....	do.	148	155	142	147
Crops harvested:					
Corn.....	do.	79.6	96.9	84.2	86.0
Small grains.....	do.	38.7	30.6	30.7	31.0
Hay.....	do.	29.3	27.5	27.6	30.0
Crop yields per harvested acre:					
Corn for grain.....	Bushel	69.1	66.9	74.2	76.5
Oats.....	do.	47.7	45.8	47.9	47.9
Hay.....	Ton	2.1	2.4	2.4	2.5
Livestock on farm, Jan. 1:					
All cattle.....	Number	59.1	68.2	75.9	84.7
Cows and heifers, 2 years old and over.....	do.	6.3	6.2	6.1	5.2
Purchased feeder cattle.....	do.	46.7	55.4	63.1	73.1
Chickens.....	do.	118	103	92	90
Pigs raised.....	do.	159	162	187	196
Tractors on farm.....	do.	2.30	2.43	2.52	2.58
Total labor used.....	Hour	4,090	4,150	4,240	4,400
Operator and family.....	do.	3,560	3,610	3,690	3,830
Hired.....	do.	530	540	550	570
Total farm capital, Jan. 1.....	Dollar	75,670	84,060	87,430	94,570
Land and buildings.....	do.	50,930	56,590	59,890	64,240
Machinery and equipment.....	do.	7,600	7,790	7,790	8,000
Livestock.....	do.	11,050	13,050	13,480	15,230
Crops.....	do.	6,090	6,630	6,270	7,100
Total cash receipts.....	do.	20,821	22,687	25,299	31,924
Crops.....	do.	429	1,301	0	0
Cattle and calves.....	do.	13,419	14,975	16,868	23,124
Hogs.....	do.	5,746	5,404	6,741	7,286
Dairy products.....	do.	457	457	472	329
Poultry and eggs.....	do.	498	429	427	376
Other, including Government payments.....	do.	272	121	791	809
Value of perquisites.....	do.	926	978	1,020	1,104
Change in inventory of crops and livestock....	do.	720	2	-90	674
Gross farm income.....	do.	22,467	23,667	26,229	33,702

TABLE 19. --Hog-beef fattening farms, Corn Belt: Organization, production, cost and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	14,390	17,803	18,943	23,803
Feed purchased.....	do.	1,692	2,059	2,981	5,392
Livestock purchased.....	do.	6,667	9,037	8,904	10,670
Other livestock expense.....	do.	377	457	538	602
Fertilizer and lime.....	do.	347	400	420	482
Other crop expense.....	do.	417	478	450	563
Machinery.....	do.	2,598	2,782	2,955	3,224
Farm buildings and fences.....	do.	824	878	891	925
Labor hired.....	do.	559	609	623	658
Taxes.....	do.	712	872	936	1,027
Other.....	do.	197	231	245	260
Change in inventory of machinery and buildings	do.	-13	7	-107	-284
Total operating expenses.....	do.	14,377	17,810	18,836	23,519
Net farm income.....	do.	8,090	5,857	7,393	10,183
Purchasing power in 1947-49 dollars.....	do.	6,893	4,922	6,213	8,486
Charge for capital at current interest rates..	do.	4,016	5,238	5,293	5,518
Return per hour, operator and family labor....	do.	1.14	.17	.57	1.22
Charge for capital at 4.1 percent interest ² ...	do.	3,260	3,640	3,807	4,194
Return per hour, operator and family labor....	do.	1.36	.61	.97	1.56
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	105	117	150
Net farm income.....	---	100	72	91	126
Net farm production.....	---	100	109	108	110
Crop yields per acre.....	---	100	98	107	110
Production per hour of man labor.....	---	100	108	104	102
Production per unit of input.....	---	100	101	95	89
Operating expense per unit of production....	---	100	111	111	121
Total cost per unit of production.....	---	100	107	106	110
Power and machinery (quantity).....	---	100	98	99	100
Prices received for products sold.....	---	100	93	95	108
Prices paid, including wages to hired labor.	---	100	108	98	96

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 20.--Cash grain farms, Corn Belt: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	237	248	254	261
Cropland harvested.....	do.	196	206	192	198
Crops harvested:					
Corn.....	do.	86.0	100.8	81.0	85.0
Small grains.....	do.	37.1	35.1	30.3	28.0
Soybeans.....	do.	55.4	56.2	68.0	72.0
Hay.....	do.	17.0	13.9	13.2	13.0
Crop yields per harvested acre:					
Corn for grain.....	Bushel	74.3	81.0	86.1	86.1
Oats.....	do.	41.9	60.8	61.9	59.9
Soybeans.....	do.	29.0	30.2	30.2	30.2
Hay.....	Ton	1.94	2.06	2.11	2.07
Livestock on farm, Jan. 1:					
All cattle.....	Number	18.2	17.7	17.6	16.1
Cows and heifers, 2 years old and over.....	do.	7.7	7.6	7.5	7.1
Chickens.....	do.	98	74	68	62
Pigs raised.....	do.	36.4	35.3	38.4	39.0
Tractors on farm.....	do.	2.19	2.35	2.48	2.50
Total labor used.....	Hour	3,290	3,220	3,130	3,140
Operator and family.....	do.	2,930	2,900	2,820	2,830
Hired.....	do.	360	320	310	310
Total farm capital, Jan. 1.....	Dollar	100,090	109,670	111,990	118,220
Land and buildings.....	do.	88,230	97,710	100,080	105,970
Machinery and equipment.....	do.	7,180	7,410	7,380	7,620
Livestock.....	do.	2,890	2,830	2,980	2,870
Crops.....	do.	1,790	1,720	1,550	1,760
Total cash receipts.....	do.	13,558	15,059	16,496	17,470
Crops.....	do.	10,379	12,375	12,224	12,823
Cattle and calves.....	do.	993	895	1,187	1,561
Hogs.....	do.	1,273	1,143	1,444	1,454
Dairy products.....	do.	267	206	197	165
Poultry and eggs.....	do.	429	306	320	265
Other, including Government payments.....	do.	217	134	1,124	1,202
Value of perquisites.....	do.	820	897	916	983
Change in inventory of crops and livestock.....	do.	-3	-86	-50	-422
Gross farm income.....	do.	14,375	15,870	17,362	18,031

TABLE 20. --Cashgrain farms, Corn Belt: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	7,607	8,031	8,373	9,101
Feed purchased.....	do.	484	472	512	547
Livestock purchased.....	do.	40	25	19	20
Other livestock expense.....	do.	99	88	96	95
Fertilizer and lime.....	do.	889	930	998	1,135
Other crop expense.....	do.	489	539	571	654
Machinery.....	do.	3,024	3,129	3,215	3,543
Farm buildings and fences.....	do.	629	640	672	705
Labor hired.....	do.	354	333	326	336
Taxes.....	do.	1,480	1,729	1,788	1,875
Other.....	do.	119	146	176	191
Change in inventory of machinery and buildings	do.	62	168	-6	-131
Total operating expenses.....	do.	7,669	8,199	8,367	8,970
Net farm income.....	do.	6,706	7,671	8,995	9,061
Purchasing power in 1947-49 dollars.....	do.	5,717	6,446	7,559	7,551
Charge for capital at current interest rates..	do.	5,307	6,734	6,311	6,666
Return per hour, operator and family labor....	do.	.48	.32	.95	.85
Charge for capital at 4.1 percent interest ² ...	do.	4,241	4,650	4,744	5,011
Return per hour, operator and family labor....	do.	.84	1.04	1.51	1.43
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	110	121	125
Net farm income.....	---	100	114	134	135
Net farm production.....	---	100	118	114	117
Crop yields per acre.....	---	100	111	117	116
Production per hour of man labor.....	---	100	121	119	122
Production per unit of input.....	---	100	113	109	107
Operating expense per unit of production....	---	100	105	111	115
Total cost per unit of production.....	---	100	92	96	98
Power and machinery (quantity).....	---	100	97	97	100
Prices received for products sold.....	---	100	94	102	102
Prices paid, including wages to hired labor	---	100	102	102	102

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 21.--Cotton farms, Southern Piedmont: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	203	214	220	227
Cropland harvested.....	do.	62	64	68	64
Crops harvested:					
Cotton.....	do.	21.7	23.9	25.9	25.7
Corn.....	do.	15.2	14.6	12.6	11.9
Small grains.....	do.	16.4	16.6	20.0	17.7
Hay.....	do.	10.0	9.7	10.6	9.8
Crop yields per harvested acre:					
Cotton.....	Pound	358	302	350	388
Corn.....	Bushel	26.6	28.2	31.1	29.5
Livestock on farm, Jan. 1:					
All cattle.....	Number	7.7	8.3	8.4	8.7
Milk cows.....	do.	2.2	2.2	2.2	2.2
Chickens.....	do.	50	50	50	50
Pigs raised.....	do.	4.6	4.7	3.7	3.7
Tractors on farm.....	do.	.80	1.00	1.05	1.10
Total labor used.....	Hour	4,670	4,400	4,820	4,840
Operator and family.....	do.	2,520	2,350	2,460	2,380
Hired.....	do.	1,060	1,120	1,350	1,460
Cropper.....	do.	1,090	930	1,010	1,000
Total farm capital, Jan. 1.....	Dollar	20,670	24,480	26,300	28,660
Land and buildings.....	do.	17,420	20,930	22,810	25,020
Machinery and equipment.....	do.	1,910	2,030	2,040	2,090
Livestock.....	do.	870	1,050	980	1,030
Crops.....	do.	470	470	470	520
Total cash receipts.....	do.	4,653	4,474	5,603	5,831
Cotton, lint and seed.....	do.	2,833	2,490	3,335	3,666
Other crops.....	do.	977	1,046	1,316	1,172
Cattle.....	do.	299	338	324	365
Other livestock and livestock products.....	do.	353	371	346	373
Other, including Government payments.....	do.	191	229	282	255
Value of perquisites.....	do.	799	791	792	769
Change in inventory of crops and livestock....	do.	29	0	62	-32
Gross farm income.....	do.	5,481	5,265	6,457	6,568

TABLE 21.--Cotton farms, Southern Piedmont: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	3,171	3,246	3,693	3,760
Feed purchased.....	do.	114	110	106	107
Livestock expense.....	do.	47	46	48	48
Fertilizer.....	do.	599	660	717	691
Poison.....	do.	90	123	156	166
Other crop expense.....	do.	108	115	141	130
Ginning.....	do.	164	168	225	249
Machinery.....	do.	898	933	1,003	999
Machine work hired.....	do.	80	82	100	104
Farm buildings and fences.....	do.	136	135	134	134
Labor, hired and cropper.....	do.	807	733	918	978
Taxes.....	do.	95	108	111	119
Other.....	do.	33	33	34	35
Change in inventory of machinery and buildings	do.	-9	13	-11	-23
Perquisites for cropper labor.....	do.	125	112	109	102
Total operating expenses.....	do.	3,287	3,371	3,791	3,839
Net farm income.....	do.	2,194	1,894	2,666	2,729
Purchasing power in 1947-49 dollars.....	do.	1,867	1,592	2,240	2,274
Charge for capital at current interest rates..	do.	1,220	1,562	1,679	1,819
Return per hour, operator and family labor....	do.	.39	.14	.40	.38
Charge for capital at 4.1 percent interest ² ...	do.	929	1,097	1,179	1,274
Return per hour, operator and family labor....	do.	.50	.34	.60	.61
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	96	118	120
Net farm income.....	---	100	86	122	124
Net farm production.....	---	100	99	118	118
Crop yields per acre.....	---	100	95	108	111
Production per hour of man labor.....	---	100	105	114	114
Production per unit of input.....	---	100	98	109	109
Operating expense per unit of production....	---	100	104	98	99
Total cost per unit of production.....	---	100	105	97	99
Power and machinery (quantity).....	---	100	99	100	101
Prices received for products sold.....	---	100	97	100	102
Prices paid, including wages to hired labor ³	---	100	100	103	104

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding. ³ Includes cropper labor.

TABLE 22.--Small cotton farms, Mississippi Delta: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	58	58	59	59
Cropland harvested.....	do.	34	36	38	38
Crops harvested:					
Cotton.....	do.	15	16	18	18
Corn.....	do.	6	5	4	3
Soybeans.....	do.	11	13	14	15
Oats.....	do.	1	1	1	1
Hay.....	do.	1	1	1	1
Crop yields per harvested acre:					
Cotton.....	Pound	451	472	484	488
Corn.....	Bushel	23.0	27.1	35.1	27.1
Soybeans.....	do.	23.8	21.8	21.9	21.2
Hay.....	Ton	1.3	1.2	1.4	1.1
Livestock on farm, Jan. 1:					
All cattle.....	Number	3.9	3.6	3.7	3.7
Milk cows.....	do.	1.2	1.1	1.0	1.0
Chickens.....	do.	35	36	36	36
Pigs raised.....	do.	8.1	7.1	7.2	6.1
Tractors on farm.....	do.	.91	.92	.96	.98
Total labor used.....	Hour	3,230	3,180	3,500	3,160
Operator and family.....	do.	2,490	2,410	2,430	2,330
Hired.....	do.	740	770	1,070	830
Total farm capital, Jan. 1.....	Dollar	12,890	13,550	13,840	14,470
Land and buildings.....	do.	9,240	9,860	10,110	10,620
Machinery and equipment.....	do.	2,950	2,980	3,080	3,150
Livestock.....	do.	490	520	470	510
Crops.....	do.	210	190	180	190
Total cash receipts.....	do.	3,483	3,665	4,265	4,263
Cotton, lint and seed.....	do.	2,508	2,687	3,164	3,162
Other crops.....	do.	488	596	681	701
Cattle and hogs.....	do.	388	290	322	299
Poultry and eggs.....	do.	71	73	75	73
Other, including Government payments.....	do.	28	19	23	28
Value of perquisites.....	do.	495	485	487	461
Change in inventory of crops and livestock....	do.	-48	-4	2	-16
Gross farm income.....	do.	3,930	4,146	4,754	4,708

TABLE 22. --Small cotton farms, Mississippi Delta: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	2,175	2,486	2,720	2,755
Feed purchased.....	do.	110	86	106	113
Livestock expense.....	do.	27	23	23	23
Fertilizer and lime.....	do.	155	167	175	175
Poison.....	do.	61	66	79	88
Other crop expense.....	do.	119	125	143	132
Ginning.....	do.	216	247	290	301
Machinery.....	do.	787	1,027	987	1,065
Machine work hired.....	do.	215	240	278	321
Farm buildings and fences.....	do.	58	60	62	62
Labor hired.....	do.	327	339	467	362
Taxes.....	do.	58	67	70	72
Other.....	do.	42	39	40	41
Change in inventory of machinery and buildings	do.	88	-77	-1	-59
Total operating expenses.....	do.	2,263	2,409	2,719	2,696
Net farm income.....	do.	1,667	1,737	2,035	2,012
Purchasing power in 1947-49 dollars.....	do.	1,420	1,460	1,710	1,677
Charge for capital at current interest rates..	do.	693	866	821	853
Return per hour, operator and family labor....	do.	.39	.36	.50	.50
Charge for capital at 4.1 percent interest ² ...	do.	576	609	627	650
Return per hour, operator and family labor....	do.	.44	.47	.58	.58
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	105	121	120
Net farm income.....	---	100	104	122	121
Net farm production.....	---	100	108	118	117
Crop yields per acre.....	---	100	105	112	108
Production per hour of man labor.....	---	100	110	109	119
Production per unit of input.....	---	100	105	106	106
Operating expense per unit of production....	---	100	99	101	101
Total cost per unit of production.....	---	100	97	95	97
Power and machinery (quantity).....	---	100	100	100	101
Prices received for products sold.....	---	100	98	103	102
Prices paid, including wages to hired labor.	---	100	103	101	103

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 23. --Large-scale cotton farms, Mississippi Delta: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	1,000	1,000	1,000	1,000
Cropland harvested.....	do.	602	610	623	620
Crops harvested:					
Cotton.....	do.	219	252	267	267
Corn.....	do.	41	29	19	18
Oats.....	do.	73	40	41	36
Soybeans.....	do.	236	264	275	277
Hay.....	do.	33	25	21	22
Crop yields per harvested acre:					
Cotton.....	Pound	499	522	551	550
Corn.....	Bushel	38.5	36.7	49.9	36.9
Oats.....	do.	38.1	54.1	46.7	48.8
Soybeans.....	do.	26.0	24.0	24.1	22.8
Hay.....	Ton	1.8	1.9	2.1	2.1
Livestock on farm, Jan. 1:					
All cattle.....	Number	81.2	71.0	76.3	75.1
Pigs raised.....	do.	32.6	29.9	28.8	23.9
Tractors on farm.....	do.	6.40	6.50	6.60	6.70
Total labor used.....	Hour	35,310	31,930	34,260	27,140
Operator and family.....	do.	3,200	3,200	3,200	3,200
Hired.....	do.	24,340	23,140	25,070	20,130
Cropper.....	do.	7,770	5,590	5,990	3,810
Total farm capital, Jan. 1.....	Dollar	196,740	205,850	214,440	218,410
Land and buildings.....	do.	156,670	167,000	174,000	175,000
Machinery and equipment.....	do.	31,220	29,820	31,390	33,300
Livestock.....	do.	6,830	7,220	7,160	8,090
Crops.....	do.	2,020	1,810	1,890	2,020
Total cash receipts.....	do.	61,277	64,744	74,555	73,442
Cotton, lint and seed.....	do.	40,943	46,897	54,114	53,835
Other crops.....	do.	14,425	14,470	15,840	15,289
Cattle and hogs.....	do.	4,659	3,100	4,224	3,836
Other livestock and livestock products.....	do.	111	32	48	96
Other, including Government payments.....	do.	1,139	245	329	386
Value of perquisites.....	do.	1,786	1,650	1,636	1,575
Change in inventory of crops and livestock.....	do.	-792	435	-131	98
Gross farm income.....	do.	62,271	66,829	76,060	75,115

TABLE 23. --Large-scale cotton farms, Mississippi Delta: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	40,195	42,929	46,197	44,652
Feed purchased.....	do.	648	549	575	588
Livestock expense.....	do.	338	301	305	306
Fertilizer and lime.....	do.	2,795	2,823	3,001	2,932
Poison.....	do.	1,473	1,195	1,642	1,892
Other crop expense.....	do.	2,220	2,414	2,672	2,817
Ginning.....	do.	3,487	4,196	4,807	4,829
Machinery.....	do.	9,572	11,954	12,099	12,465
Machine work hired.....	do.	1,506	1,659	2,170	2,222
Farm buildings and fences.....	do.	1,118	1,239	1,310	1,350
Labor, hired and cropper.....	do.	15,512	14,849	15,809	13,392
Taxes.....	do.	1,279	1,516	1,571	1,621
Other.....	do.	247	234	236	238
Change in inventory of machinery and buildings	do.	1,239	-1,025	-915	-817
Perquisites for cropper labor.....	do.	569	449	429	294
Total operating expenses.....	do.	42,003	42,353	45,711	44,129
Net farm income.....	do.	20,268	24,476	30,349	30,986
Purchasing power in 1947-49 dollars.....	do.	17,238	20,568	25,503	25,822
Charge for capital at current interest rates..	do.	10,996	13,558	13,068	13,224
Return to operator and family labor.....	do.	9,272	10,918	17,281	17,762
Charge for capital at 4.1 percent interest ² ...	do.	9,208	9,647	10,066	10,166
Return to operator and family labor.....	do.	11,060	14,829	20,283	20,820
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	107	122	121
Net farm income.....	---	100	121	150	153
Net farm production.....	---	100	109	119	117
Crop yields per acre.....	---	100	103	111	107
Production per hour of man labor.....	---	100	121	124	153
Production per unit of input.....	---	100	109	114	116
Operating expense per unit of production....	---	100	91	89	88
Total cost per unit of production.....	---	100	92	90	90
Power and machinery (quantity).....	---	100	99	101	104
Prices received for products sold.....	---	100	100	104	105
Prices paid, including wages to hired labor ³	---	100	102	104	105

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding. ³ Includes cropper labor.

TABLE 24. --Cotton farms, Black Prairie, Texas: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	224	249	261	274
Cropland harvested.....	do.	132	155	151	152
Crops harvested:					
Cotton.....	do.	55.2	75.8	77.6	80.6
Corn.....	do.	25.6	24.0	20.3	21.1
Oats.....	do.	12.7	14.9	20.3	15.5
Grain sorghum.....	do.	25.4	28.8	20.3	22.0
Hay and forage.....	do.	12.9	11.5	12.5	12.9
Crop yields per harvested acre:					
Cotton.....	Pound	201	181	161	203
Corn.....	Bushel	26.1	24.9	30.6	30.9
Livestock on farm, Jan. 1:					
All cattle.....	Number	13.6	15.8	16.0	17.0
Milk cows.....	do.	1.4	1.0	1.0	1.0
Beef cows.....	do.	5.9	7.3	7.6	8.0
Chickens.....	do.	60	60	59	59
Pigs raised.....	do.	6.5	5.8	5.8	5.8
Tractors on farm.....	do.	1.62	1.80	1.89	1.98
Total labor used.....	Hour	3,260	3,190	3,060	3,200
Operator and family.....	do.	2,290	2,310	2,300	2,330
Hired.....	do.	970	880	760	870
Total farm capital, Jan. 1.....	Dollar	37,670	47,020	49,630	52,380
Land and buildings.....	do.	31,130	39,200	41,550	43,560
Machinery and equipment.....	do.	4,450	5,240	5,610	6,080
Livestock.....	do.	1,570	2,080	1,960	2,210
Crops.....	do.	520	500	510	530
Total cash receipts.....	do.	6,502	7,175	7,519	8,229
Cotton, lint and seed.....	do.	3,570	4,268	4,460	5,515
Other crops.....	do.	1,701	1,810	1,780	1,374
Cattle.....	do.	462	594	560	596
Hogs.....	do.	173	143	156	163
Other livestock and livestock products.....	do.	273	234	236	234
Other, including Government payments.....	do.	323	126	327	347
Value of perquisites.....	do.	580	577	576	578
Change in inventory of crops and livestock...	do.	79	12	136	187
Gross farm income.....	do.	7,161	7,764	8,231	8,994

TABLE 24. --Cotton farms, Black Prairie, Texas: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	4,303	4,860	4,861	5,383
Feed purchased.....	do.	160	151	149	153
Livestock expense.....	do.	53	57	56	58
Poison.....	do.	114	161	183	185
Other crop expense.....	do.	365	523	610	675
Ginning.....	do.	369	469	452	597
Machinery.....	do.	1,866	2,099	2,103	2,220
Machine work hired.....	do.	291	361	346	391
Farm buildings and fences.....	do.	207	220	220	246
Labor hired.....	do.	659	558	467	554
Taxes.....	do.	152	189	201	226
Other.....	do.	67	72	74	78
Change in inventory of machinery and buildings	do.	-69	26	73	49
Total operating expenses.....	do.	4,234	4,886	4,934	5,432
Net farm income.....	do.	2,927	2,878	3,297	3,562
Purchasing power in 1947-49 dollars.....	do.	2,491	2,418	2,771	2,968
Charge for capital at current interest rates..	do.	2,033	2,927	2,835	2,990
Return per hour, operator and family labor....	do.	.39	-.02	.20	.25
Charge for capital at 4.1 percent interest ² ...	do.	1,633	2,034	2,140	2,257
Return per hour, operator and family labor....	do.	.56	.37	.50	.56
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	108	115	126
Net farm income.....	---	100	98	113	122
Net farm production.....	---	100	116	109	123
Crop yields per acre.....	---	100	94	93	106
Production per hour of man labor.....	---	100	118	116	125
Production per unit of input.....	---	100	105	98	103
Operating expense per unit of production....	---	100	100	107	105
Total cost per unit of production.....	---	100	101	108	104
Power and machinery (quantity).....	---	100	112	117	123
Prices received for products sold.....	---	100	97	106	103
Prices paid, including wages to hired labor.	---	100	103	104	105

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 25.--Nonirrigated cotton farms, High Plains, Texas: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960 ¹	1961 ¹	1962 ²
Land in farm.....	Acre	404	426	436	447
Cropland harvested.....	do.	303	322	289	276
Crops harvested:					
Cotton.....	do.	112.8	118.2	136.9	131.8
Grain sorghum.....	do.	183.4	196.9	144.9	137.4
Forage.....	do.	6.6	6.5	7.3	6.9
Crop yields per harvested acre:					
Cotton.....	Pound	247	279	321	206
Grain sorghum.....	Cwt.	10.8	15.0	18.0	11.0
Forage.....	Ton	1.7	2.0	2.6	2.5
Livestock on farm, Jan. 1:					
All cattle.....	Number	4.3	4.6	4.7	4.9
Milk cows.....	do.	.9	.9	.9	.9
Beef cows.....	do.	1.3	1.5	1.5	1.6
Chickens.....	do.	47	46	46	46
Pigs raised.....	do.	4.8	4.4	4.2	4.8
Tractors on farm.....	do.	1.95	1.98	2.00	2.02
Total labor used.....	Hour	3,390	3,800	4,400	3,160
Operator and family.....	do.	2,210	2,220	2,230	2,200
Hired.....	do.	1,180	1,580	2,170	960
Total farm capital, Jan. 1.....	Dollar	53,500	59,140	60,790	63,480
Land and buildings.....	do.	45,440	50,690	52,320	54,090
Machinery and equipment.....	do.	7,160	7,470	7,510	8,330
Livestock.....	do.	570	680	660	720
Crops.....	do.	330	300	300	340
Total cash receipts.....	do.	12,877	15,367	20,623	12,807
Cotton, lint and seed.....	do.	9,214	10,735	15,396	9,113
Other crops.....	do.	2,904	4,071	4,027	2,354
Cattle.....	do.	146	164	164	207
Hogs.....	do.	137	115	124	157
Poultry and eggs.....	do.	192	185	191	184
Other, including Government payments.....	do.	284	97	721	792
Value of perquisites.....	do.	641	641	654	662
Change in inventory of crops and livestock.....	do.	39	15	25	-10
Gross farm income.....	do.	13,557	16,023	21,302	13,459

TABLE 25.--Nonirrigated cotton farms, High Plains, Texas: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960 ¹	1961 ¹	1962 ²
Total cash expenditures.....	Dollar	6,100	6,974	8,602	6,808
Feed purchased.....	do.	156	152	151	158
Livestock expense.....	do.	46	48	46	46
Poison.....	do.	10	25	19	28
Other crop expense.....	do.	241	285	316	257
Ginning.....	do.	903	1,108	1,666	1,045
Machinery.....	do.	3,103	3,288	3,982	3,652
Machine work hired.....	do.	445	524	455	350
Farm buildings and fences.....	do.	151	116	146	141
Labor hired.....	do.	697	989	1,355	635
Taxes.....	do.	306	396	423	452
Other.....	do.	42	43	43	44
Change in inventory of machinery and buildings	do.	-46	63	-575	-153
Total operating expenses.....	do.	6,054	7,037	8,027	6,655
Net farm income.....	do.	7,503	8,986	13,275	6,804
Purchasing power in 1947-49 dollars.....	do.	6,393	7,551	11,155	5,670
Charge for capital at current interest rates..	do.	2,874	3,684	3,485	3,603
Return per hour, operator and family labor....	do.	2.09	2.39	4.39	1.46
Charge for capital at 4.1 percent interest ³ ...	do.	2,304	2,561	2,634	2,715
Return per hour, operator and family labor....	do.	2.35	2.89	4.77	1.86
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	118	157	99
Net farm income.....	---	100	120	177	91
Net farm production.....	---	100	128	147	92
Crop yields per acre.....	---	100	117	137	89
Production per hour of man labor.....	---	100	114	114	99
Production per unit of input.....	---	100	115	123	90
Operating expense per unit of production....	---	100	91	90	120
Total cost per unit of production.....	---	100	88	84	122
Power and machinery (quantity).....	---	100	102	109	111
Prices received for products sold.....	---	100	95	106	104
Prices paid, including wages to hired labor.	---	100	102	105	110

¹ Revised. ² Preliminary. ³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 26. --Irrigated cotton farms, High Plains, Texas: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960 ¹	1961 ¹	1962 ²
Land in farm.....	Acre	351	369	378	387
Cropland harvested.....	do.	287	284	274	277
Crops harvested:					
Cotton: nonirrigated.....	do.	29.0	26.1	26.4	27.2
irrigated.....	do.	118.3	128.0	149.8	153.8
Grain sorghum: nonirrigated.....	do.	84.9	74.0	52.8	49.6
irrigated.....	do.	51.2	53.6	43.2	44.0
Forage.....	do.	3.5	2.3	2.3	2.3
Crop yields per harvested acre:					
Cotton: nonirrigated.....	Pound	259	298	321	206
irrigated.....	do.	513	521	590	591
Grain sorghum: nonirrigated.....	Cwt.	12.4	17.1	20.0	11.0
irrigated.....	do.	29.5	30.7	38.4	32.8
Forage.....	Ton	2.4	3.0	3.2	3.1
Livestock on farm, Jan. 1:					
All cattle.....	Number	7.4	8.0	8.2	9.1
Milk cows.....	do.	1.1	1.1	1.0	1.0
Chickens.....	do.	47	46	46	46
Pigs raised.....	do.	12.9	9.9	8.9	10.3
Tractors on farm.....	do.	2.38	2.44	2.45	2.48
Total labor used.....	Hour	6,720	6,760	7,300	7,130
Operator and family.....	do.	2,530	2,490	2,440	2,440
Hired.....	do.	4,190	4,270	4,860	4,690
Total farm capital, Jan. 1.....	Dollar	103,040	113,950	117,270	120,180
Land and buildings.....	do.	87,570	98,070	101,300	103,720
Machinery and equipment.....	do.	13,940	14,320	14,430	14,770
Livestock.....	do.	990	1,170	1,160	1,310
Crops.....	do.	540	390	380	380
Total cash receipts.....	do.	27,558	28,607	39,116	36,714
Cotton, lint and seed.....	do.	22,802	23,938	33,986	32,425
Other crops.....	do.	3,638	3,813	3,976	2,756
Cattle.....	do.	256	281	194	363
Hogs.....	do.	423	277	304	436
Poultry and eggs.....	do.	182	177	180	177
Other, including Government payments.....	do.	257	121	476	557
Value of perquisites.....	do.	896	897	814	811
Change in inventory of crops and livestock.....	do.	11	8	37	-17
Gross farm income.....	do.	28,465	29,512	39,967	37,508

TABLE 26. --Irrigated cotton farms, High Plains, Texas: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960 ¹	1961 ¹	1962 ²
Total cash expenditures.....	Dollar	14,310	14,876	16,555	17,787
Feed purchased.....	do.	186	183	181	197
Livestock expense.....	do.	52	55	53	52
Poison.....	do.	148	179	75	131
Irrigation expense.....	do.	2,933	2,522	2,172	2,910
Other crop expense.....	do.	700	1,116	1,350	1,353
Ginning.....	do.	2,233	2,501	3,673	3,714
Machinery purchased.....	do.	1,553	1,618	1,777	1,805
Other machinery expense.....	do.	2,878	2,992	3,111	3,234
Farm buildings and fences.....	do.	230	227	227	227
Labor hired.....	do.	2,960	2,945	3,304	3,506
Taxes.....	do.	384	484	578	602
Other.....	do.	53	54	54	56
Change in inventory of machinery and buildings.	do.	-72	45	62	104
Total operating expenses.....	do.	14,238	14,921	16,617	17,891
Net farm income.....	do.	14,227	14,591	23,350	19,617
Purchasing power in 1947-49 dollars.....	do.	12,111	12,261	19,622	16,348
Charge for capital at current interest rates...	do.	5,664	7,189	6,810	7,002
Return per hour, operator and family labor.....	do.	3.38	2.97	6.78	5.17
Charge for capital at 4.1 percent interest ³	do.	4,540	5,024	5,168	5,319
Return per hour, operator and family labor.....	do.	3.83	3.84	7.45	5.86
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	104	140	132
Net farm income.....	---	100	103	164	138
Net farm production.....	---	100	108	132	126
Crop yields per acre.....	---	100	107	122	114
Production per hour of man labor.....	---	100	107	121	118
Production per unit of input.....	---	100	105	120	109
Operating expense per unit of production.....	---	100	97	89	100
Total cost per unit of production.....	---	100	98	86	97
Power and machinery (quantity).....	---	100	100	100	99
Prices received for products sold.....	---	100	96	107	105
Prices paid, including wages to hired labor..	---	100	103	105	108

¹ Revised. ² Preliminary. ³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 27.--Cotton-specialty crop farms, San Joaquin Valley, California: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	329	338	342	346
Cropland harvested.....	do.	312	319	322	320
Crops harvested:					
Cotton.....	do.	123	143	125	127
Alfalfa hay.....	do.	61	65	66	63
Potatoes.....	do.	79	68	80	66
Barley.....	do.	49	43	51	64
Crop yields per harvested acre:					
Cotton.....	Pound	1,040	958	964	1,033
Alfalfa hay.....	Ton	5.0	5.0	5.0	5.1
Potatoes.....	Cwt.	294	332	333	308
Barley.....	Bushel	50.8	53.4	54.5	61.9
Total labor used.....	Hour	12,720	13,170	13,220	12,240
Operator and family.....	do.	2,600	2,600	2,600	2,600
Hired.....	do.	10,120	10,570	10,620	9,640
Total farm capital, Jan. 1.....	Dollar	250,160	276,800	278,360	301,060
Land and buildings.....	do.	212,030	230,990	231,790	253,060
Irrigation system.....	do.	16,620	22,940	22,940	22,940
Machinery and equipment.....	do.	21,510	22,870	23,630	25,060
Total cash receipts.....	do.	102,582	117,966	98,093	106,974
Cotton, lint and seed.....	do.	45,805	49,528	48,368	49,777
Potatoes.....	do.	46,790	57,117	39,694	45,738
Alfalfa hay.....	do.	7,464	9,002	7,029	7,101
Barley.....	do.	2,523	2,319	3,002	4,358
Value of perquisites.....	do.	678	690	685	685
Gross farm income.....	do.	103,260	118,656	98,778	107,659

TABLE 27.--Cotton-specialty crop farms, San Joaquin Valley, California: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	70,462	84,281	85,262	76,926
Labor hired.....	do.	9,728	10,671	10,350	9,589
Poison.....	do.	1,524	2,318	2,216	2,218
Fertilizer.....	do.	4,046	4,646	4,791	4,451
Other crop expense.....	do.	8,447	6,311	9,073	6,497
Operating cost of machinery.....	do.	5,251	6,117	5,934	5,340
Machinery purchased.....	do.	4,341	4,694	4,778	5,764
Machine work hired.....	do.	21,040	23,335	27,520	21,837
Ginning.....	do.	4,180	4,671	4,483	4,920
Farm buildings.....	do.	215	253	252	252
Irrigation facilities.....	do.	1,654	7,887	2,221	2,221
Irrigation water.....	do.	5,385	8,251	8,266	8,218
Taxes.....	do.	3,002	3,211	3,422	3,682
Workmen's compensation.....	do.	624	850	886	859
Other.....	do.	1,025	1,066	1,070	1,078
Change in inventory of machinery and buildings	do.	-79	-5,666	0	-641
Total operating expenses.....	do.	70,383	78,615	85,262	76,285
Net farm income.....	do.	32,877	40,041	13,516	31,374
Purchasing power in 1947-49 dollars.....	do.	27,953	33,648	11,358	26,145
Charge for capital at current interest rates..	do.	14,049	18,600	18,542	18,282
Return to operator and family labor.....	do.	18,828	21,441	-5,026	13,092
Charge for capital at 4.1 percent interest ² ...	do.	11,773	13,341	13,253	14,067
Return to operator and family labor.....	do.	21,104	26,700	263	17,307
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	115	96	104
Net farm income.....	---	100	122	41	95
Net farm production.....	---	100	104	107	98
Crop yields per acre.....	---	100	103	103	103
Production per hour of man labor.....	---	100	100	103	102
Production per unit of input.....	---	100	98	97	97
Operating expense per unit of production....	---	100	109	113	111
Total cost per unit of production.....	---	100	109	112	113
Power and machinery (quantity).....	---	100	112	112	114
Prices received for products sold.....	---	100	112	90	107
Prices paid, including wages to hired labor.	---	100	107	109	109

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 28.--Medium-sized cotton-general crop farms, San Joaquin Valley, California:
Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	329	338	342	346
Cropland harvested.....	do.	312	319	322	320
Crops harvested:					
Cotton.....	do.	133	152	135	136
Alfalfa hay.....	do.	116	111	123	111
Barley.....	do.	45	35	39	44
Corn.....	do.	18	21	25	29
Crop yields per harvested acre:					
Cotton.....	Pound	1,040	958	964	1,033
Alfalfa hay.....	Ton	5.0	5.0	5.0	5.1
Barley.....	Bushel	50.8	53.4	54.5	61.9
Corn.....	do.	57.0	60.5	62.5	62.0
Total labor used.....	Hour	9,880	10,380	10,010	9,860
Operator and family.....	do.	2,600	2,600	2,600	2,600
Hired.....	do.	7,280	7,780	7,410	7,260
Total farm capital, Jan. 1.....	Dollar	254,920	274,160	275,530	298,290
Land and buildings.....	do.	212,030	230,990	231,880	253,150
Irrigation system.....	do.	18,490	19,210	19,210	19,210
Machinery and equipment.....	do.	24,400	23,960	24,440	25,930
Total cash receipts.....	do.	67,867	71,642	69,742	71,300
Cotton, lint and seed.....	do.	50,067	52,640	52,237	53,303
Alfalfa hay.....	do.	14,056	15,374	13,100	12,520
Barley.....	do.	2,334	1,888	2,296	2,996
Corn.....	do.	1,410	1,740	2,109	2,481
Value of perquisites.....	do.	688	690	692	692
Gross farm income.....	do.	68,555	72,332	70,434	71,992

TABLE 28. --Medium-sized cotton-general crop farms, San Joaquin Valley, California:
Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	41,117	46,160	45,943	47,094
Labor hired.....	do.	6,951	7,647	7,118	7,165
Poison.....	do.	1,528	1,902	1,722	1,717
Fertilizer.....	do.	2,520	3,294	3,126	3,272
Other crop expense.....	do.	1,578	1,628	1,688	1,641
Operating cost of machinery.....	do.	5,192	5,861	5,641	5,658
Machinery purchased.....	do.	4,956	4,455	5,116	5,540
Machine work hired.....	do.	2,402	3,858	3,879	3,758
Ginning.....	do.	4,553	4,966	4,841	5,268
Farm buildings.....	do.	214	218	217	217
Irrigation facilities.....	do.	1,837	1,827	1,827	1,827
Irrigation water.....	do.	5,061	5,784	5,824	5,792
Taxes.....	do.	3,059	3,250	3,470	3,728
Workmen's compensation.....	do.	441	609	609	642
Other.....	do.	825	861	865	869
Change in inventory of machinery and buildings.	do.	-79	0	0	-704
Total operating expenses.....	do.	41,038	46,160	45,943	46,390
Net farm income.....	do.	27,517	26,172	24,491	25,602
Purchasing power in 1947-49 dollars.....	do.	23,449	21,993	20,581	21,335
Charge for capital at current interest rates...	do.	13,992	17,899	17,941	17,809
Return to operator and family labor.....	do.	13,525	8,273	6,550	7,793
Charge for capital at 4.1 percent interest ²	do.	11,673	12,690	12,706	13,633
Return to operator and family labor.....	do.	15,844	13,482	11,785	11,969
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	106	103	105
Net farm income.....	---	100	95	89	93
Net farm production.....	---	100	103	98	103
Crop yields per acre.....	---	100	93	94	100
Production per hour of man labor.....	---	100	98	97	104
Production per unit of input.....	---	100	98	95	101
Operating expense per unit of production.....	---	100	109	113	109
Total cost per unit of production.....	---	100	108	113	109
Power and machinery (quantity).....	---	100	95	95	98
Prices received for products sold.....	---	100	103	105	102
Prices paid, including wages to hired labor..	---	100	106	108	110

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

**TABLE 29.--Large cotton-general crop farms, San Joaquin Valley, California:
Organization, production, costs and returns, 1962, with comparisons**

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	1,201	1,235	1,252	1,269
Cropland harvested.....	do.	1,077	1,108	1,124	1,136
Crops harvested:					
Cotton.....	do.	426	507	437	443
Alfalfa hay.....	do.	286	287	319	271
Barley.....	do.	278	247	281	305
Corn.....	do.	17	18	19	21
Fallow.....	do.	70	49	68	96
Crop yields per harvested acre:					
Cotton.....	Pound	1,040	958	964	1,033
Alfalfa hay.....	Ton	5.0	5.0	5.0	5.1
Barley.....	Bushel	50.8	53.4	54.5	61.9
Corn.....	do.	57.0	60.5	62.5	62.0
Total labor used.....	Hour	29,110	32,260	30,350	29,810
Operator and family.....	do.	2,600	2,600	2,600	2,600
Hired.....	do.	26,510	29,660	27,750	27,210
Total farm capital, Jan. 1.....	Dollar	865,990	938,820	944,860	1,028,060
Land and buildings.....	do.	758,570	828,110	832,710	912,200
Irrigation system.....	do.	41,870	46,390	46,390	46,390
Machinery and equipment.....	do.	65,550	64,320	65,760	69,470
Total cash receipts.....	do.	211,607	229,669	221,215	228,596
Cotton, lint and seed.....	do.	161,084	175,105	169,098	173,623
Alfalfa hay.....	do.	34,774	39,750	33,974	30,570
Barley.....	do.	14,418	13,322	16,539	22,606
Corn.....	do.	1,331	1,492	1,604	1,797
Value of perquisites.....	do.	1,017	1,035	1,028	1,028
Gross farm income.....	do.	212,624	230,704	222,243	229,624

TABLE 29.--Large cotton-general crop farms, San Joaquin Valley, California: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	130,320	151,299	146,465	151,849
Labor hired.....	do.	27,764	31,408	29,183	29,472
Poison.....	do.	4,628	6,227	5,467	5,467
Fertilizer.....	do.	7,635	10,991	10,136	10,609
Other crop expense.....	do.	6,305	6,595	6,615	6,610
Operating cost of machinery.....	do.	14,967	17,790	16,941	17,121
Machinery purchased.....	do.	15,598	10,440	10,643	13,180
Machine work hired.....	do.	4,160	11,520	11,331	11,031
Ginning.....	do.	14,545	16,563	15,671	17,161
Farm buildings.....	do.	1,037	1,055	1,047	1,047
Irrigation facilities.....	do.	5,692	4,396	4,396	4,396
Irrigation water.....	do.	14,171	19,293	19,249	18,951
Taxes.....	do.	10,444	10,868	11,626	12,495
Workmen's compensation.....	do.	1,783	2,503	2,498	2,641
Other.....	do.	1,591	1,650	1,662	1,668
Change in inventory of machinery and buildings	do.	-2,721	0	0	-1,956
Total operating expenses.....	do.	127,599	151,299	146,465	149,893
Net farm income.....	do.	85,025	79,405	75,778	79,731
Purchasing power in 1947-49 dollars.....	do.	72,424	66,727	63,679	66,442
Charge for capital at current interest rates..	do.	47,493	61,101	61,197	61,088
Return to operator and family labor.....	do.	37,532	18,304	14,581	18,643
Charge for capital at 4.1 percent interest ² ...	do.	39,573	43,264	43,244	46,695
Return to operator and family labor.....	do.	45,452	36,141	32,534	33,036
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	109	105	108
Net farm income.....	---	100	93	89	94
Net farm production.....	---	100	107	99	106
Crop yields per acre.....	---	100	94	95	101
Production per hour of man labor.....	---	100	96	95	104
Production per unit of input.....	---	100	97	93	99
Operating expense per unit of production....	---	100	111	116	111
Total cost per unit of production.....	---	100	109	114	111
Power and machinery (quantity).....	---	100	97	97	99
Prices received for products sold.....	---	100	101	105	102
Prices paid, including wages to hired labor	---	100	105	107	109

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 30.--Peanut-cotton farms, Southern Coastal Plains: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	163	177	184	191
Cropland harvested.....	do.	62	69	71	71
Crops harvested:					
Cotton.....	do.	8.4	12.2	13.7	14.2
Corn.....	do.	27.7	28.7	28.8	27.2
Peanuts.....	do.	17.5	19.5	21.7	22.4
Peanut hay ²	do.	7.0	5.9	5.9	6.1
Crop yields per harvested acre:					
Cotton.....	Pound	377	403	356	419
Corn.....	Bushel	30.9	33.2	42.9	31.7
Peanuts.....	Pound	966	1,264	1,237	1,119
Peanut hay.....	Ton	.66	.75	.71	.77
Livestock on farm, Jan. 1:					
All cattle.....	Number	9.0	9.4	9.5	10.2
Milk cows.....	do.	1.8	1.8	1.8	1.8
Beef cows.....	do.	2.9	3.2	3.2	3.4
Pigs raised.....	do.	45.9	50.3	49.6	51.0
Tractors on farm.....	do.	.89	.98	1.02	1.06
Total labor used.....	Hour	3,510	3,980	3,910	4,000
Operator and family.....	do.	2,750	2,970	2,980	2,950
Hired.....	do.	760	1,010	930	1,050
Total farm capital, Jan. 1.....	Dollar	13,800	16,500	17,180	18,200
Land and buildings.....	do.	9,750	12,000	12,600	13,330
Machinery and equipment.....	do.	2,440	2,810	2,850	2,940
Livestock.....	do.	1,140	1,250	1,270	1,420
Crops.....	do.	470	440	460	510
Total cash receipts.....	do.	5,291	6,487	7,411	7,156
Cotton, lint and seed.....	do.	1,169	1,726	1,735	2,209
Peanuts.....	do.	1,603	2,260	2,808	2,589
Other crops.....	do.	571	594	890	347
Cattle.....	do.	364	389	357	395
Hogs.....	do.	1,249	1,317	1,371	1,376
Other livestock and livestock products.....	do.	140	148	143	116
Other, including Government payments.....	do.	195	53	107	124
Value of perquisites.....	do.	505	511	506	516
Change in inventory of crops and livestock....	do.	8	-49	103	205
Gross farm income.....	do.	5,804	6,949	8,020	7,877

TABLE 30. --Peanut-cotton farms, Southern Coastal Plains: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	3,201	3,753	3,966	4,211
Feed purchased.....	do.	132	140	135	145
Livestock expense.....	do.	31	31	32	34
Seed.....	do.	248	274	283	333
Fertilizer and lime.....	do.	630	726	746	757
Poison.....	do.	90	193	297	286
Other crop expense.....	do.	14	15	16	16
Ginning.....	do.	74	125	134	164
Machinery.....	do.	1,259	1,300	1,379	1,457
Machine work hired.....	do.	209	287	305	324
Farm buildings and fences.....	do.	126	133	133	133
Labor hired.....	do.	299	429	395	443
Taxes.....	do.	74	84	94	101
Other.....	do.	15	16	17	18
Change in inventory of machinery and buildings	do.	-116	-22	-58	-81
Total operating expenses.....	do.	3,085	3,731	3,908	4,130
Net farm income.....	do.	2,719	3,218	4,112	3,747
Purchasing power in 1947-49 dollars.....	do.	2,313	2,704	3,455	3,122
Charge for capital at current interest rates..	do.	826	1,108	1,114	1,178
Return per hour, operator and family labor....	do.	.69	.71	1.01	.87
Charge for capital at 4.1 percent interest ³ ...	do.	657	794	822	868
Return per hour, operator and family labor....	do.	.75	.82	1.10	.98
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	120	138	136
Net farm income.....	---	100	118	151	138
Net farm production.....	---	100	130	142	133
Crop yields per acre.....	---	100	117	120	111
Production per hour of man labor.....	---	100	115	127	117
Production per unit of input.....	---	100	111	115	107
Operating expense per unit of production....	---	100	93	90	101
Total cost per unit of production.....	---	100	92	87	98
Power and machinery (quantity).....	---	100	106	108	111
Prices received for products sold.....	---	100	95	101	104
Prices paid, including wages to hired labor.	---	100	99	98	102

¹ Preliminary. ² Hay saved from peanuts picked and threshed. ³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 31.--Tobacco farms, Coastal Plain, North Carolina: Organization, production, costs and returns, 1962, with comparisons¹

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ²
Land in farm.....	Acre	91	93	94	94
Cropland harvested.....	do.	39.2	40.6	35.3	32.4
Other.....	do.	51.8	52.4	58.7	61.6
Crops harvested:					
Tobacco.....	do.	7.7	8.3	8.3	8.7
Corn.....	do.	20.3	22.0	16.5	14.7
Hay.....	do.	2.6	1.7	1.2	1.2
Other crops.....	do.	8.6	8.6	9.3	7.8
Crop yields per harvested acre:					
Tobacco.....	Pound	1,603	1,945	1,955	1,970
Corn.....	Bushel	40.7	50.0	50.0	60.0
Hay.....	Ton	1.2	1.1	1.2	1.0
Livestock on farm, Jan. 1:					
All cattle.....	Number	1.2	1.2	1.2	1.2
Milk cows.....	do.	.3	.3	.3	.3
Chickens.....	do.	27	20	20	20
Brood sows.....	do.	1.4	1.5	1.3	1.3
Tractors on farm.....	do.	1.1	1.3	1.4	1.4
Total labor used.....	Hour	5,470	6,330	6,070	6,250
Operator and family.....	do.	2,520	2,800	2,570	2,590
Hired.....	do.	2,950	3,530	3,500	3,660
Total farm capital, Jan. 1.....	Dollar	22,210	24,320	25,250	27,190
Land and buildings.....	do.	17,630	19,250	20,020	21,810
Machinery and equipment.....	do.	3,400	3,990	4,240	4,350
Livestock.....	do.	550	480	500	510
Crops.....	do.	630	600	490	520
Total cash receipts.....	do.	8,503	11,740	12,310	12,210
Tobacco.....	do.	6,831	9,632	10,323	10,031
Corn.....	do.	630	945	648	700
Other crops.....	do.	498	525	633	670
Livestock and livestock products.....	do.	512	602	497	537
Other, including Government payments.....	do.	32	36	209	272
Value of perquisites.....	do.	556	545	551	572
Change in inventory of crops and livestock....	do.	11	-169	22	-41
Gross farm income.....	do.	9,070	12,116	12,883	12,741

TABLE 31. --Tobacco farms, Coastal Plain, North Carolina: Organization, production, costs and returns, 1962, with comparisons¹--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ²
Total cash expenditures.....	Dollar	5,227	6,202	6,078	6,330
Feed purchased and other livestock expense..	do.	117	119	107	115
Crop expense.....	do.	1,375	1,678	1,661	1,700
Machinery.....	do.	1,617	1,813	1,664	1,618
Farm buildings and fences.....	do.	185	231	240	262
Hired labor.....	do.	1,751	2,151	2,191	2,402
Taxes.....	do.	124	144	159	166
Other.....	do.	58	66	56	67
Change in inventory of machinery and buildings	do.	-212	175	-11	47
Total operating expenses.....	do.	5,015	6,027	6,067	6,377
Net farm income.....	do.	4,055	6,089	6,816	6,364
Purchasing power in 1947-49 dollars.....	do.	3,452	5,117	5,728	5,303
Charge for capital at current interest rates..	do.	1,351	1,620	1,672	1,793
Return per hour, operator and family labor....	do.	1.07	1.60	2.00	1.76
Charge for capital at 4.1 percent interest ³ ...	do.	1,037	1,158	1,192	1,277
Return per hour, operator and family labor....	do.	1.20	1.76	2.19	1.96
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	134	142	140
Net farm income.....	---	100	150	168	157
Net farm production.....	---	100	128	126	132
Crop yields per acre.....	---	100	121	122	125
Production per hour of man labor.....	---	100	111	113	116
Production per unit of input.....	---	100	112	113	116
Operating expense per unit of production....	---	100	94	97	97
Total cost per unit of production.....	---	100	92	94	94
Power and machinery (quantity).....	---	100	110	111	110
Prices received for products sold.....	---	100	105	113	105
Prices paid, including wages to hired labor.	---	100	103	106	108

¹ The information presented here replaces the series formerly published for this area.

² Preliminary. ³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 32. --Tobacco-cotton farms, Coastal Plain, North Carolina: Organization, production, costs and returns, 1962, with comparisons¹

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ²
Land in farm.....	Acre	97	101	102	102
Cropland harvested.....	do.	43.8	48.4	43.9	42.3
Other land.....	do.	53.2	52.6	58.1	59.7
Crops harvested:					
Tobacco.....	do.	7.4	8.2	8.2	8.5
Cotton.....	do.	5.4	6.7	7.2	7.7
Corn.....	do.	19.3	20.5	15.4	14.4
Hay.....	do.	3.6	2.9	2.2	1.8
Other crops.....	do.	8.1	10.1	10.9	9.9
Crop yields per harvested acre:					
Tobacco.....	Pound	1,603	1,945	1,955	1,970
Cotton.....	do.	404	282	339	331
Corn.....	Bushel	40.7	50.0	50.0	60.0
Hay.....	Ton	1.2	1.1	1.2	1.0
Livestock on farm, Jan. 1:					
All cattle.....	Number	1.6	1.5	1.5	1.5
Milk cows.....	do.	.5	.3	.3	.3
Chickens.....	do.	27	20	20	20
Brood sows.....	do.	1.3	1.4	1.2	1.2
Tractors on farm.....	do.	1.2	1.4	1.5	1.5
Total labor used.....	Hour	6,050	7,050	6,840	6,980
Operator and family.....	do.	2,620	2,930	2,740	2,720
Hired.....	do.	3,430	4,120	4,100	4,260
Total farm capital, Jan. 1.....	Dollar	23,600	26,280	27,230	29,250
Land and buildings.....	do.	18,810	20,910	21,730	23,660
Machinery and equipment.....	do.	3,560	4,240	4,480	4,630
Livestock.....	do.	580	530	530	490
Crops.....	do.	650	600	490	470
Total cash receipts.....	do.	8,895	12,265	13,120	12,902
Tobacco.....	do.	6,570	9,515	10,199	9,801
Cotton, lint and seed.....	do.	762	645	902	946
Corn.....	do.	607	902	678	800
Other crops.....	do.	485	640	727	693
Livestock and livestock products.....	do.	433	519	409	423
Other, including Government payments.....	do.	38	44	205	239
Value of perquisites.....	do.	593	564	570	595
Change in inventory of crops and livestock....	do.	20	-187	-104	-15
Gross farm income.....	do.	9,508	12,642	13,586	13,482

TABLE 32.-- Tobacco-cotton farms, Coastal Plain, North Carolina: Organization, production, costs and returns, 1962, with comparisons¹--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ²
Total cash expenditures.....	Dollar	5,745	6,814	6,772	6,958
Feed purchased and other livestock expense...	do.	111	108	97	99
Crop expense.....	do.	1,416	1,767	1,781	1,815
Machinery.....	do.	1,794	1,952	1,829	1,718
Farm buildings and fences.....	do.	198	251	261	284
Labor hired.....	do.	2,039	2,515	2,569	2,795
Taxes.....	do.	132	156	170	179
Other.....	do.	55	65	65	68
Change in inventory of machinery and buildings.	do.	-251	-170	-43	43
Total operating expenses.....	do.	5,494	6,644	6,729	7,001
Net farm income.....	do.	4,014	5,998	6,857	6,481
Purchasing power in 1947-49 dollars.....	do.	3,417	5,040	5,762	5,401
Charge for capital at current interest rates...	do.	1,440	1,754	1,808	1,932
Return per hour, operator and family labor.....	do.	.98	1.45	1.84	1.67
Charge for capital at 4.1 percent interest ³	do.	1,106	1,254	1,290	1,376
Return per hour, operator and family labor.....	do.	1.11	1.62	2.03	1.88
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	133	143	142
Net farm income.....	---	100	149	171	161
Net farm production.....	---	100	128	127	134
Crop yields per acre.....	---	100	116	118	121
Production per hour of man labor.....	---	100	109	112	116
Production per unit of input.....	---	100	111	112	117
Operating expense per unit of production.....	---	100	95	97	96
Total cost per unit of production.....	---	100	93	94	94
Power and machinery (quantity).....	---	100	110	112	111
Prices received for products sold.....	---	100	105	112	105
Prices paid, including wages to hired labor..	---	100	104	106	108

¹ The information presented here replaces the series formerly published for this area.

² Preliminary. ³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 33.--Tobacco-livestock farms, Inner Bluegrass Area, Kentucky: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	204	212	214	216
Cropland harvested.....	do.	58	62	60	56
Pasture.....	do.	133	136	137	143
Crops harvested:					
Tobacco.....	do.	7.1	7.4	7.8	8.3
Corn for grain.....	do.	12.8	13.1	11.1	11.0
Small grains.....	do.	5.6	6.2	5.8	3.0
Alfalfa.....	do.	16.3	18.0	18.0	18.0
Other hay.....	do.	16.3	17.3	17.6	15.3
Crop yields per harvested acre:					
Tobacco.....	Pound	1,722	1,734	1,720	1,908
Corn for grain.....	Buschel	60	66	69	73
Wheat.....	do.	24	32	29	28
Alfalfa.....	Ton	2.8	2.8	2.5	2.5
Other hay.....	do.	1.4	1.6	1.5	1.5
Livestock on farm, Jan. 1:					
All cattle.....	Number	37.9	43.6	45.9	49.8
Beef cows.....	do.	23.8	27.0	28.0	30.5
Ewes.....	do.	58.7	59.8	58.5	52.4
Brood sows.....	do.	2.8	2.9	2.8	2.8
Pigs raised.....	do.	34.4	36.1	37.2	34.8
Tractors on farm.....	do.	1.4	1.6	1.6	1.6
Total labor used.....	Hour	4,400	4,600	4,680	4,870
Operator and family.....	do.	2,630	2,750	2,810	2,920
Hired.....	do.	1,770	1,850	1,870	1,950
Total farm capital, Jan. 1.....	Dollar	90,030	98,880	100,170	102,960
Land and buildings.....	do.	77,570	85,010	86,240	88,560
Machinery and equipment.....	do.	4,650	5,100	5,180	5,300
Livestock.....	do.	5,770	6,830	6,750	7,190
Crops.....	do.	2,040	1,940	2,000	1,910
Total cash receipts.....	do.	12,810	13,725	14,313	14,903
Tobacco.....	do.	7,752	8,311	9,021	9,435
Cattle and calves.....	do.	2,783	3,192	3,056	3,289
Hogs and pigs.....	do.	739	772	832	769
Sheep and lambs.....	do.	928	914	848	907
Poultry and eggs.....	do.	31	31	23	15
Wool.....	do.	262	279	257	229
Other, including Government payments.....	do.	315	226	276	259
Value of perquisites.....	do.	1,310	1,398	1,409	1,438
Change in inventory of crops and livestock.....	do.	282	295	194	484
Gross farm income.....	do.	14,402	15,418	15,916	16,825

TABLE 33.--Tobacco-livestock farms, Inner Bluegrass Area, Kentucky: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	7,353	8,120	8,473	9,177
Feed purchased.....	do.	345	369	667	1,098
Livestock purchased.....	do.	801	969	917	960
Other livestock expense.....	do.	167	188	193	188
Fertilizer and lime.....	do.	635	696	712	736
Other crop expense.....	do.	398	475	481	505
Machinery.....	do.	1,766	1,900	1,927	1,936
Farm buildings and fences.....	do.	801	846	840	830
Labor hired.....	do.	1,524	1,705	1,730	1,875
Taxes.....	do.	432	459	466	478
Other.....	do.	484	513	540	571
Change in inventory of machinery and buildings.	do.	-62	-20	2	-4
Total operating expenses.....	do.	7,291	8,100	8,475	9,173
Net farm income.....	do.	7,111	7,318	7,441	7,652
Purchasing power in 1947-49 dollars.....	do.	6,057	6,150	6,253	6,377
Charge for capital at current interest rates...	do.	4,622	6,063	5,643	5,807
Return per hour, operator and family labor.....	do.	.95	.46	.64	.63
Charge for capital at 4.1 percent interest ²	do.	3,800	4,184	4,241	4,365
Return per hour, operator and family labor.....	do.	1.26	1.14	1.14	1.13
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	107	111	117
Net farm income.....	---	100	103	105	108
Net farm production.....	---	100	106	105	114
Crop yields per acre.....	---	100	103	101	110
Production per hour of man labor.....	---	100	101	98	103
Production per unit of input.....	---	100	101	98	104
Operating expense per unit of production.....	---	100	103	108	105
Total cost per unit of production.....	---	100	103	106	102
Power and machinery (quantity).....	---	100	102	102	103
Prices received for products sold.....	---	100	99	101	96
Prices paid, including wages to hired labor..	---	100	102	102	104

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 34.--Tobacco-dairy farms, Intermediate Bluegrass Area, Kentucky: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	111	113	114	115
Cropland harvested.....	do.	25	25	24	24
Pasture.....	do.	42	43	43	44
Crops harvested:					
Tobacco.....	do.	2.2	2.2	2.3	2.4
Corn for grain.....	do.	8.3	8.2	6.5	5.7
Alfalfa.....	do.	7.7	8.1	8.9	8.9
Other hay.....	do.	6.5	6.5	6.7	6.7
Crop yields per harvested acre:					
Tobacco.....	Pound	1,600	1,617	1,605	1,785
Corn for grain.....	Bushel	52	50	60	64
Alfalfa.....	Ton	2.0	2.5	2.3	2.0
Other hay.....	do.	1.3	1.5	1.4	1.6
Livestock on farm, Jan. 1:					
All cattle.....	Number	17.1	17.5	18.0	18.2
Cows and heifers, 2 years old and over.....	do.	10.2	10.2	10.2	10.2
Milk production per cow.....	Pound	5,550	5,700	5,980	6,100
Tractors on farm.....	Number	.8	1.1	1.1	1.1
Total labor used.....	Hour	3,560	3,500	3,510	3,590
Operator and family.....	do.	3,380	3,320	3,330	3,410
Hired.....	do.	180	180	180	180
Total farm capital, Jan. 1.....	Dollar	19,390	21,740	22,170	22,730
Land and buildings.....	do.	13,810	15,370	15,620	16,100
Machinery and equipment.....	do.	2,630	2,940	3,000	2,990
Livestock.....	do.	2,260	2,720	2,680	2,770
Crops.....	do.	690	710	870	870
Total cash receipts.....	do.	4,268	4,437	4,854	4,933
Tobacco.....	do.	2,204	2,303	2,481	2,528
Dairy products.....	do.	1,412	1,484	1,612	1,620
Cattle and calves.....	do.	530	553	625	653
Poultry and eggs.....	do.	67	65	59	51
Other, including Government payments.....	do.	55	32	77	81
Value of perquisites.....	do.	591	598	600	607
Change in inventory of crops and livestock.....	do.	42	145	41	-31
Gross farm income.....	do.	4,901	5,180	5,495	5,509

TABLE 34.--Tobacco-dairy farms, Intermediate Bluegrass Area, Kentucky: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	2,571	2,770	2,524	2,619
Feed purchased.....	do.	143	146	155	228
Livestock purchased.....	do.	27	20	22	22
Other livestock expense.....	do.	70	79	80	81
Fertilizer and lime.....	do.	241	266	277	292
Other crop expense.....	do.	122	136	138	154
Machinery.....	do.	1,133	1,196	1,132	1,110
Farm buildings and fences.....	do.	381	443	227	221
Labor hired.....	do.	146	156	156	161
Taxes.....	do.	101	110	111	115
Other.....	do.	207	218	226	235
Change in inventory of machinery and buildings	do.	-185	-65	61	85
Total operating expenses.....	do.	2,386	2,705	2,585	2,704
Net farm income.....	do.	2,515	2,475	2,910	2,805
Purchasing power in 1947-49 dollars.....	do.	2,142	2,080	2,445	2,338
Charge for capital at current interest rates..	do.	1,489	1,366	1,279	1,312
Return per hour, operator and family labor....	do.	.30	.33	.49	.44
Charge for capital at 4.1 percent interest ² ...	do.	849	953	970	994
Return per hour, operator and family labor....	do.	.49	.46	.58	.53
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	106	112	112
Net farm income.....	---	100	98	116	112
Net farm production.....	---	100	104	107	114
Crop yields per acre.....	---	100	103	105	112
Production per hour of man labor.....	---	100	106	109	113
Production per unit of input.....	---	100	100	105	110
Operating expense per unit of production....	---	100	109	101	99
Total cost per unit of production.....	---	100	106	101	99
Power and machinery (quantity).....	---	100	104	101	98
Prices received for products sold.....	---	100	102	104	96
Prices paid, including wages to hired labor.	---	100	103	104	104

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 35.--Tobacco-dairy farms, Outer Bluegrass Area, Kentucky: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	126	130	132	132
Cropland harvested.....	do.	40	41	42	41
Pasture.....	do.	72	74	74	75
Crops harvested:					
Tobacco.....	do.	2.8	2.9	3.1	3.3
Corn for grain.....	do.	8.3	8.3	8.0	7.3
Corn for silage.....	do.	4.4	4.5	4.7	4.7
Small grains.....	do.	2.8	2.8	2.8	2.0
Alfalfa.....	do.	9.8	10.7	11.5	12.0
Other hay.....	do.	11.5	11.8	12.1	11.6
Crop yields per harvested acre:					
Tobacco.....	Pound	1,730	1,720	1,705	1,902
Corn for grain.....	Bushel	59	58	66	77
Corn for silage.....	Ton	10.2	11.0	12.0	14.4
Alfalfa.....	do.	2.4	2.6	2.6	2.5
Other hay.....	do.	1.4	1.5	1.5	1.4
Livestock on farm, Jan. 1:					
All cattle.....	Number	24.9	28.1	28.7	30.1
Cows and heifers, 2 years old and over.....	do.	15.1	16.4	16.6	17.3
Brood sows.....	do.	1.4	1.5	1.4	1.3
Pigs raised.....	do.	16.7	17.3	17.5	17.8
Milk production per cow.....	Pound	6,760	6,790	6,940	7,080
Tractors on farm.....	Number	1.0	1.4	1.4	1.4
Total labor used.....	Hour	4,400	4,590	4,690	4,800
Operator and family.....	do.	3,870	4,040	4,060	4,070
Hired.....	do.	530	550	630	730
Total farm capital, Jan. 1.....	Dollar	35,620	40,460	41,250	42,720
Land and buildings.....	do.	26,060	29,510	30,230	31,020
Machinery and equipment.....	do.	4,790	5,330	5,430	5,590
Livestock.....	do.	3,480	4,410	4,410	4,700
Crops.....	do.	1,290	1,210	1,180	1,410
Total cash receipts.....	do.	8,207	8,932	9,493	9,930
Tobacco.....	do.	3,072	3,199	3,549	3,718
Dairy products.....	do.	3,930	4,264	4,505	4,741
Cattle and calves.....	do.	718	1,007	948	986
Hogs and pigs.....	do.	354	361	391	396
Poultry and eggs.....	do.	73	52	49	38
Other, including Government payments.....	do.	60	49	51	51
Value of perquisites.....	do.	839	876	886	897
Change in inventory of crops and livestock....	do.	216	12	378	401
Gross farm income.....	do.	9,262	9,820	10,757	11,228

TABLE 35.--Tobacco-dairy farms, Outer Bluegrass Area, Kentucky: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	4,820	5,196	5,741	5,811
Feed purchased.....	do.	858	842	1,115	973
Livestock expense.....	do.	151	173	176	182
Fertilizer and lime.....	do.	308	375	404	425
Other crop expense.....	do.	200	227	232	245
Machinery.....	do.	1,898	2,036	2,126	2,210
Farm buildings and fences.....	do.	474	537	596	550
Labor hired.....	do.	411	457	521	630
Taxes.....	do.	180	200	204	210
Other.....	do.	340	349	367	386
Change in inventory of machinery and buildings	do.	-105	-33	-110	-107
Total operating expenses.....	do.	4,715	5,163	5,631	5,704
Net farm income.....	do.	4,547	4,657	5,126	5,524
Purchasing power in 1947-49 dollars.....	do.	3,788	3,913	4,308	4,642
Charge for capital at current interest rates..	do.	1,895	2,554	2,407	2,484
Return per hour, operator and family labor....	do.	.69	.52	.67	.75
Charge for capital at 4.1 percent interest ² ...	do.	1,569	1,785	1,829	1,886
Return per hour, operator and family labor....	do.	.77	.71	.81	.89
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	106	116	121
Net farm income.....	---	100	102	113	121
Net farm production.....	---	100	105	111	125
Crop yields per acre.....	---	100	101	104	113
Production per hour of man labor.....	---	100	101	104	115
Production per unit of input.....	---	100	99	102	112
Operating expense per unit of production....	---	100	105	108	98
Total cost per unit of production.....	---	100	106	103	97
Power and machinery (quantity).....	---	100	103	104	106
Prices received for products sold.....	---	100	101	103	97
Prices paid, including wages to hired labor.	---	100	104	104	106

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 36.--Wheat-small grain-livestock farms, Northern Plains: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	705	715	720	730
Cropland harvested.....	do.	401	405	288	368
Fallow and idle.....	do.	140	160	200	211
Failure.....	do.	20	4	85	2
Crops harvested:					
Wheat.....	do.	142.2	147.6	126.9	126.9
Other small grains.....	do.	126.2	126.0	71.1	128.7
Flaxseed.....	do.	59.4	55.1	28.3	44.2
Hay.....	do.	59.3	60.5	51.4	56.3
Crop yields per harvested acre:					
Wheat.....	Bushel	17.8	21.0	9.1	31.3
Flaxseed.....	do.	5.1	7.3	3.7	13.1
Hay.....	Ton	.9	1.1	.7	1.3
Livestock on farm, Jan. 1:					
All cattle.....	Number	22.6	21.2	24.0	23.8
Milk cows.....	do.	5.8	5.1	4.8	4.4
Beef cows.....	do.	7.0	7.5	8.0	8.7
Chickens.....	do.	54	50	47	45
Pigs raised.....	do.	7.5	4.3	5.0	4.0
Tractors on farm.....	do.	2.17	2.30	2.30	2.30
Total labor used.....	Hour	2,840	2,810	2,490	2,660
Operator and family.....	do.	2,400	2,360	2,130	2,260
Hired.....	do.	440	450	360	400
Total farm capital, Jan. 1.....	Dollar	46,540	51,530	52,390	54,120
Land and buildings.....	do.	30,940	34,910	35,860	37,810
Machinery and equipment.....	do.	10,650	11,240	11,250	10,870
Livestock.....	do.	3,250	3,320	3,720	3,780
Crops.....	do.	1,700	2,060	1,560	1,660
Total cash receipts.....	do.	9,774	10,663	5,444	15,639
Wheat.....	do.	4,624	5,769	2,559	8,494
Other crops.....	do.	2,229	2,947	350	5,125
Livestock.....	do.	1,797	1,039	1,670	1,261
Butterfat.....	do.	526	470	468	414
Poultry and eggs.....	do.	148	138	133	118
Other, including Government payments.....	do.	450	300	264	227
Value of perquisites.....	do.	618	620	529	638
Change in inventory of crops and livestock.....	do.	-160	153	-278	949
Gross farm income.....	do.	10,232	11,436	5,695	17,226

TABLE 36. --Wheat-small grain-livestock farms, Northern Plains: Organization, production, costs and returns, 1962 with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	5,862	6,039	4,729	5,599
Feed purchased.....	do.	65	57	57	50
Livestock expense.....	do.	66	63	69	100
Crop expense.....	do.	608	737	670	667
Machinery.....	do.	3,764	3,815	2,848	3,590
Farm buildings and fences.....	do.	287	202	50	62
Labor hired.....	do.	450	473	373	436
Taxes.....	do.	576	639	604	634
Other.....	do.	46	53	58	60
Change in inventory of machinery and buildings.	do.	-35	298	831	546
Total operating expenses.....	do.	5,827	6,337	5,560	6,145
Net farm income.....	do.	4,405	5,099	135	11,081
Purchasing power in 1947-49 dollars.....	do.	3,754	4,285	113	9,234
Charge for capital at current interest rates...	do.	2,444	3,223	2,985	3,100
Return per hour, operator and family labor.....	do.	.82	.79	-1.34	3.53
Charge for capital at 4.1 percent interest ²	do.	2,019	2,244	2,252	2,342
Return per hour, operator and family labor.....	do.	.99	1.21	-.99	3.87
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	122	56	168
Net farm income.....	---	100	112	3	251
Net farm production.....	---	100	123	43	175
Crop yields per acre.....	---	100	126	44	194
Production per hour of man labor.....	---	100	125	49	188
Production per unit of input.....	---	100	118	48	174
Operating expense per unit of production.....	---	100	87	208	60
Total cost per unit of production.....	---	100	85	212	61
Power and machinery (quantity).....	---	100	100	94	91
Prices received for products sold.....	---	100	90	123	100
Prices paid, including wages to hired labor..	---	100	101	100	103

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 37.--Wheat-corn-livestock farms, Northern Plains: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	506	515	520	530
Cropland harvested.....	do.	339	345	327	285
Fallow.....	do.	19	23	33	87
Failure.....	do.	15	3	15	11
Crops harvested:					
Wheat.....	do.	59.4	67.0	69.0	55.3
Other small grains.....	do.	105.5	101.1	97.5	84.0
Corn.....	do.	57.9	61.7	56.1	140.6
Flaxseed.....	do.	30.8	28.6	25.1	25.0
Hay.....	do.	85.1	86.6	79.4	95.0
Crop yields per harvested acre:					
Wheat.....	Bushel	17.4	19.8	15.8	21.6
Corn.....	do.	27.0	31.9	33.3	34.0
Flaxseed.....	do.	7.4	8.2	7.9	10.5
Hay.....	do.	1.1	1.2	1.1	1.5
Livestock on farm, Jan. 1:					
All cattle.....	Number	46.5	45.9	48.6	52.4
Milk cows.....	do.	6.7	5.8	5.3	5.3
Beef cows.....	do.	14.6	15.9	16.3	18.6
Chickens.....	do.	114	114	108	102
All sheep.....	do.	15	15	15	15
Pigs raised.....	do.	31	25	34	24
Tractors on farm.....	do.	2.10	2.30	2.25	2.30
Total labor used.....	Hour	3,640	3,540	3,730	3,660
Operator and family.....	do.	3,360	3,340	3,550	3,500
Hired.....	do.	280	200	180	160
Total farm capital, Jan. 1.....	Dollar	48,670	52,540	52,870	56,130
Land and buildings.....	do.	29,860	33,540	34,260	36,810
Machinery and equipment.....	do.	8,990	8,760	8,480	8,250
Livestock.....	do.	6,980	7,160	7,740	8,450
Crops.....	do.	2,840	3,080	2,390	2,620
Total cash receipts.....	do.	9,338	9,547	9,029	9,072
Wheat.....	do.	1,870	2,406	2,163	2,450
Flaxseed.....	do.	603	612	605	708
Other crops.....	do.	1,627	1,858	1,519	1,358
Livestock.....	do.	3,973	3,504	3,618	3,517
Butterfat.....	do.	584	539	531	520
Poultry and eggs.....	do.	368	361	353	303
Other, including Government payments.....	do.	313	267	240	216
Value of perquisites.....	do.	625	625	628	644
Change in inventory of crops and livestock....	do	-128	218	446	905
Gross farm income.....	do.	9,835	10,390	10,103	10,621

TABLE 37.--Wheat-corn-livestock farms, Northern Plains: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	4,381	4,329	4,296	4,529
Feed purchased.....	do.	256	259	279	271
Livestock expense.....	do.	242	235	251	247
Crop expense.....	do.	459	486	496	464
Machinery purchased.....	do.	716	602	599	894
Other machinery expense.....	do.	1,409	1,508	1,527	1,497
Farm buildings and fences.....	do.	399	350	200	200
Labor hired.....	do.	231	172	156	162
Taxes.....	do.	618	657	723	724
Other.....	do.	51	60	65	70
Change in inventory of machinery and buildings	do.	381	387	500	228
Total operating expenses.....	do.	4,762	4,716	4,796	4,757
Net farm income.....	do.	5,073	5,674	5,307	5,864
Purchasing power in 1947-49 dollars.....	do.	4,328	4,768	4,460	4,887
Charge for capital at current interest rates..	do.	2,517	3,238	3,205	3,171
Return per hour, operator and family labor....	do.	.76	.73	.59	.77
Charge for capital at 4.1 percent interest ² ...	do.	2,072	2,240	2,254	2,385
Return per hour, operator and family labor....	do.	.89	1.03	.86	.99
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	106	103	108
Net farm income.....	---	100	112	105	116
Net farm production.....	---	100	112	96	101
Crop yields per acre.....	---	100	119	96	122
Production per hour of man labor.....	---	100	116	94	102
Production per unit of input.....	---	100	115	97	103
Operating expense per unit of production....	---	100	84	99	94
Total cost per unit of production.....	---	100	86	103	99
Power and machinery (quantity).....	---	100	93	88	87
Prices received for products sold.....	---	100	93	104	104
Prices paid, including wages to hired labor.	---	100	101	103	107

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 38.--Wheat-roughage-livestock farms, Northern Plains: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	795	810	820	830
Cropland harvested.....	do.	404	421	306	422
Fallow and idle.....	do.	78	86	175	102
Failure.....	do.	27	11	44	7
Pasture and other land.....	do.	286	292	295	299
Crops harvested:					
Wheat.....	do.	118.7	123.7	101.7	100.4
Other small grains.....	do.	89.8	99.4	45.4	114.8
Flaxseed.....	do.	38.9	34.2	25.8	49.9
Hay.....	do.	113.6	119.1	99.0	121.2
Crop yields per harvested acre:					
Wheat.....	Bushel	14.7	17.0	8.4	25.7
Flaxseed.....	do.	5.0	6.2	3.4	13.0
Hay.....	Ton	.7	.9	.6	1.2
Livestock on farm, Jan. 1:					
All cattle.....	Number	41.4	41.6	46.2	46.2
Milk cows.....	do.	6.3	5.3	5.1	4.6
Beef cows.....	do.	14.6	15.8	17.1	17.9
Chickens.....	do.	75	75	75	75
Horses and mules.....	do.	1.7	1.5	1.4	1.3
Pigs raised.....	do.	13.1	9.2	11.2	10.0
Tractors on farm.....	do.	2.20	2.25	2.20	2.22
Total labor used.....	do.	3,200	3,190	2,960	3,030
Operator and family.....	do.	2,980	2,970	2,780	2,830
Hired.....	do.	220	220	180	200
Total farm capital, Jan. 1.....	Dollar	43,700	47,460	48,870	50,490
Land and buildings.....	do.	27,360	30,720	31,330	33,170
Machinery and equipment.....	do.	8,440	8,250	8,100	7,870
Livestock.....	do.	5,590	6,150	6,970	7,150
Crops.....	do.	2,310	2,340	2,470	2,300
Total cash receipts.....	do.	8,345	8,539	5,825	13,759
Wheat.....	do.	3,079	3,594	1,546	5,191
Other crops.....	do.	1,226	1,666	232	4,442
Livestock.....	do.	2,916	2,340	3,133	3,386
Butterfat.....	do.	481	416	417	296
Poultry and eggs.....	do.	241	222	223	202
Other, including Government payments.....	do.	402	301	274	242
Value of perquisites.....	do.	553	557	537	629
Change in inventory of crops and livestock....	do.	-311	1,215	-579	558
Gross farm income.....	do.	8,587	10,311	5,783	14,946

TABLE 38.--Wheat-roughage-livestock farms, Northern Plains: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	4,521	4,341	4,016	5,031
Feed purchased.....	do.	129	120	334	120
Livestock expense.....	do.	119	116	90	108
Crop expense.....	do.	351	390	283	436
Machinery.....	do.	2,746	2,622	2,057	2,989
Farm buildings and fences.....	do.	333	204	350	414
Labor hired.....	do.	233	231	185	218
Taxes.....	do.	564	604	659	684
Other.....	do.	46	54	58	62
Change in inventory of machinery and buildings.	do.	364	411	376	100
Total operating expenses.....	do.	4,885	4,752	4,392	5,131
Net farm income.....	do.	3,702	5,559	1,391	9,815
Purchasing power in 1947-49 dollars.....	do.	3,159	4,671	1,169	8,179
Charge for capital at current interest rates...	do.	2,274	2,943	2,812	2,885
Return per hour, operator and family labor.....	do.	.48	.88	-.51	2.45
Charge for capital at 4.1 percent interest ²	do.	1,875	2,041	2,079	2,178
Return per hour, operator and family labor.....	do.	.61	1.18	-.25	2.70
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	120	67	174
Net farm income.....	---	100	150	38	265
Net farm production.....	---	100	129	60	192
Crop yields per acre.....	---	100	126	62	196
Production per hour of man labor.....	---	100	130	66	204
Production per unit of input.....	---	100	132	66	193
Operating expense per unit of production.....	---	100	72	139	53
Total cost per unit of production.....	---	100	74	145	53
Power and machinery (quantity).....	---	100	93	88	86
Prices received for products sold.....	---	100	90	110	93
Prices paid, including wages to hired labor..	---	100	101	98	105

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 39.--Winter wheat farms, Southern Plains: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	739	773	787	800
Cropland harvested.....	do.	346	368	356	333
Crops harvested:					
Wheat.....	do.	191.0	235.1	237.6	215.1
Sorghum for grain.....	do.	89.2	68.2	52.0	51.0
Sorghum for forage.....	do.	21.5	22.7	21.3	21.3
Hay.....	do.	10.4	11.4	13.1	19.5
Crop yields per harvested acre:					
Wheat.....	Bushel	20.6	25.7	23.7	24.2
Sorghum for grain.....	do.	26.8	30.1	33.1	37.1
Hay.....	Ton	2.2	2.2	2.2	2.5
Livestock on farm, Jan. 1:					
All cattle.....	Number	39.0	47.8	49.7	56.7
Milk cows.....	do.	2.8	2.4	2.1	2.7
Beef cows.....	do.	12.7	13.5	16.0	17.8
Chickens.....	do.	67	66	66	66
Pigs raised.....	do.	4.3	4.8	5.6	5.6
Tractors on farm.....	do.	2.03	2.21	2.21	2.22
Total labor used.....	Hour	2,780	3,040	3,000	2,970
Operator and family.....	do.	2,450	2,680	2,640	2,630
Hired.....	do.	330	360	360	340
Total farm capital, Jan. 1.....	Dollar	82,960	94,140	96,320	103,420
Land and buildings.....	do.	67,120	76,530	77,910	83,200
Machinery and equipment.....	do.	9,580	9,900	10,180	10,580
Livestock.....	do.	4,690	5,900	6,230	7,520
Crops.....	do.	1,570	1,810	2,000	2,120
Total cash receipts.....	do.	12,900	15,811	15,256	16,455
Wheat.....	do.	7,170	10,224	9,743	10,030
Other crops.....	do.	2,040	1,529	1,472	1,457
Cattle.....	do.	2,254	3,304	2,949	3,764
Hogs.....	do.	92	116	138	156
Other livestock and livestock products.....	do.	532	502	497	575
Other, including Government payments.....	do.	812	136	457	473
Value of perquisites.....	do.	711	771	810	828
Change in inventory of crops and livestock.....	do.	859	299	1,086	620
Gross farm income.....	do.	14,470	16,881	17,152	17,903

TABLE 39. -- Winter wheat farms, Southern Plains: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	5,508	6,522	6,968	6,936
Feed purchased.....	do.	329	324	334	382
Livestock expense.....	do.	407	716	838	802
Crop expense.....	do.	466	436	457	547
Machinery purchased.....	do.	1,198	1,460	1,527	1,596
Other machinery expense.....	do.	1,455	1,657	1,631	1,607
Farm buildings and fences.....	do.	594	530	724	503
Labor hired.....	do.	327	371	378	369
Taxes.....	do.	680	965	1,012	1,062
Other.....	do.	52	63	67	68
Change in inventory of machinery and buildings.	do.	-173	-307	-509	-293
Total operating expenses.....	do.	5,335	6,215	6,459	6,643
Net farm income.....	do.	9,135	10,666	10,693	11,260
Purchasing power in 1947-49 dollars.....	do.	7,774	8,963	8,986	9,383
Charge for capital at current interest rates...	do.	4,243	5,740	5,388	5,779
Return per hour, operator and family labor.....	do.	2.00	1.84	2.01	2.08
Charge for capital at 4.1 percent interest ²	do.	3,484	3,952	4,039	4,331
Return per hour, operator and family labor.....	do.	2.31	2.51	2.52	2.63
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	117	119	124
Net farm income.....	---	100	117	117	123
Net farm production.....	---	100	127	119	116
Crop yields per acre.....	---	100	131	121	125
Production per hour of man labor.....	---	100	117	111	111
Production per unit of input.....	---	100	117	108	104
Operating expense per unit of production.....	---	100	86	94	99
Total cost per unit of production.....	---	100	85	92	98
Power and machinery (quantity).....	---	100	100	102	104
Prices received for products sold.....	---	100	97	102	110
Prices paid, including wages to hired labor..	---	100	103	105	105

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 40.--Wheat-grain sorghum farms, Southern Plains: Organization, production, costs and returns, 1962, with comparisons ¹

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ²
Land in farm.....	Acre	836	858	869	879
Cropland harvested.....	do.	389	432	401	367
Crops harvested:					
Wheat.....	do.	176	280	283	245
Barley.....	do.	10	21	22	18
Sorghum for grain.....	do.	171	105	75	77
Sorghum for forage.....	do.	24	19	12	19
Crop yields per harvested acre:					
Wheat.....	Bushel	20.5	31.1	28.8	21.6
Barley.....	do.	21.6	25.0	28.1	18.8
Sorghum for grain.....	do.	27.2	36.5	37.5	47.7
Sorghum for forage.....	Ton	2.2	2.1	2.3	4.0
Livestock on farm, Jan. 1:					
All cattle.....	Number	34.8	50.7	53.7	67.3
Milk cows.....	do.	1.2	1.1	1.2	1.5
Beef cows.....	do.	9.0	7.7	8.1	12.6
Chickens.....	do.	37	28	26	26
Pigs raised.....	do.	3.9	4.8	3.9	3.8
Tractors on farm.....	do.	1.87	1.92	1.90	1.91
Total labor used.....	Hour	3,190	3,450	3,400	3,270
Operator and family.....	do.	2,700	2,930	2,870	2,740
Hired.....	do.	490	520	530	530
Total farm capital, Jan. 1.....	Dollar	95,360	103,610	109,990	118,500
Land and buildings.....	do.	81,110	86,660	92,110	97,570
Machinery and equipment.....	do.	8,900	9,480	9,980	10,600
Livestock.....	do.	4,200	6,180	6,670	8,840
Crops.....	do.	1,150	1,290	1,230	1,490
Total cash receipts.....	do.	12,063	21,671	20,880	19,014
Wheat.....	do.	6,310	14,878	14,404	10,178
Other crops.....	do.	3,759	2,939	2,583	3,044
Cattle.....	do.	1,468	3,319	2,535	4,471
Hogs.....	do.	68	110	118	91
Other livestock and livestock products.....	do.	146	112	134	176
Other, including Government payments.....	do.	312	313	1,106	1,054
Value of perquisites.....	do.	718	750	752	744
Change in inventory of crops and livestock.....	do.	1,250	296	1,913	1,415
Gross farm income.....	do.	14,031	22,717	23,545	21,173

TABLE 40.--Wheat-grain sorghum farms, Southern Plains: Organization, production, costs and returns, 1962, with comparisons¹--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ²
Total cash expenditures.....	Dollar	7,407	9,859	11,050	10,940
Feed purchased.....	do.	132	174	427	231
Livestock expense.....	do.	1,277	1,960	2,611	3,034
Crop expense.....	do.	542	627	636	666
Machinery purchased.....	do.	1,321	1,920	1,906	1,724
Other machinery expense.....	do.	2,084	2,752	2,663	2,508
Farm buildings and fences.....	do.	529	630	944	801
Labor hired.....	do.	465	513	532	553
Taxes.....	do.	897	1,119	1,157	1,251
Other.....	do.	160	164	174	172
Change in inventory of machinery and buildings.	do.	-234	-696	-905	-496
Total operating expenses.....	do.	7,173	9,163	10,145	10,444
Net farm income.....	do.	6,858	13,554	13,400	10,729
Purchasing power in 1947-49 dollars.....	do.	5,827	11,390	11,260	8,941
Charge for capital at current interest rates...	do.	4,860	6,327	6,155	6,620
Return per hour, operator and family labor....	do.	.74	2.47	2.52	1.50
Charge for capital at 4.1 percent interest ³	do.	3,990	4,358	4,616	4,960
Return per hour, operator and family labor....	do.	1.06	3.14	3.06	2.11
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	162	168	151
Net farm income.....	---	100	198	195	156
Net farm production.....	---	100	171	153	124
Crop yields per acre.....	---	100	149	140	124
Production per hour of man labor.....	---	100	158	143	121
Production per unit of input.....	---	100	147	131	111
Operating expense per unit of production.....	---	100	71	84	102
Total cost per unit of production.....	---	100	66	76	92
Power and machinery (quantity).....	---	100	107	111	112
Prices received for products sold.....	---	100	95	101	107
Prices paid, including wages to hired labor..	---	100	102	104	104

¹Revised. ²Preliminary. ³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 41.--Wheat-pea farms, Washington and Idaho: Organization, production, cost and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	557	576	585	595
Cropland harvested.....	do.	371	380	395	378
Other cropland.....	do.	143	144	137	163
Crop harvested:					
Wheat.....	do.	168	170	174	153
Oats and barley.....	do.	104	96	101	89
Peas.....	do.	79	97	98	117
Hay.....	do.	19	18	22	19
Crop yields per harvested acre:					
Wheat.....	Bushel	46.8	42.8	35.8	55.2
Barley.....	do.	41.3	37.8	42.7	47.1
Peas.....	Cwt.	13.3	10.5	10.9	14.0
Livestock on farm, Jan. 1:					
All cattle.....	Number	15.1	16.0	16.0	16.0
Milk cows.....	do.	1.8	1.6	1.4	1.2
Chickens.....	do.	48	48	48	48
Pigs raised.....	do.	18	19	30	27
Tractors on farm.....	do.	2.31	2.40	2.40	2.42
Total labor used.....	Hour	3,480	3,520	3,490	3,630
Operator and family.....	do.	2,630	2,750	2,750	2,900
Hired.....	do.	850	770	740	730
Total farm capital, Jan. 1.....	Dollar	170,440	177,480	182,880	191,910
Land and buildings.....	do.	149,300	156,200	161,460	169,570
Machinery and equipment.....	do.	17,170	17,110	17,120	17,640
Livestock.....	do.	2,200	2,370	2,380	2,620
Crops.....	do.	1,770	1,800	1,920	2,080
Total cash receipts.....	do.	22,538	20,305	20,540	27,438
Wheat.....	do.	13,360	12,220	10,946	15,510
Peas.....	do.	3,853	3,638	3,912	6,546
Other crops.....	do.	3,128	2,380	3,264	3,247
Cattle.....	do.	880	960	1,004	785
Hogs.....	do.	560	561	925	945
Dairy products.....	do.	303	254	216	156
Other livestock and livestock products.....	do.	190	202	183	166
Other, including Government payments.....	do.	264	90	90	83
Value of perquisites.....	do.	1,043	1,030	876	877
Change in inventory of crops and livestock.....	do.	106	70	161	130
Gross farm income.....	do.	23,687	21,405	21,577	28,445

TABLE 41.--Wheat-pea farms, Washington and Idaho: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	9,857	10,225	10,472	10,760
Feed purchased.....	do.	345	310	328	343
Livestock expense.....	do.	104	112	120	131
Crop expense.....	do.	1,856	1,885	1,968	1,854
Machinery purchased.....	do.	1,991	2,244	2,272	2,367
Other machinery expense.....	do.	2,802	2,875	2,923	3,051
Farm buildings and fences.....	do.	428	440	455	468
Labor hired.....	do.	1,117	1,036	1,020	1,040
Taxes.....	do.	1,037	1,122	1,166	1,263
Other.....	do.	177	201	220	243
Change in inventory of machinery and buildings.	do.	330	44	2	-29
Total operating expenses.....	do.	10,187	10,269	10,474	10,731
Net farm income.....	do.	13,500	11,136	11,103	17,714
Purchasing power in 1947-49 dollars.....	do.	11,510	9,358	9,330	14,762
Charge for capital at current interest rates...	do.	9,000	10,855	11,176	10,758
Return per hour, operator and family labor....	do.	1.71	.10	-.03	2.40
Charge for capital at 4.1 percent interest ²	do.	7,181	7,483	7,702	8,071
Return per hour, operator and family labor....	do.	2.40	1.33	1.24	3.33
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	90	91	120
Net farm income.....	---	100	83	82	131
Net farm production.....	---	100	91	88	112
Crop yields per acre.....	---	100	89	80	115
Production per hour of man labor.....	---	100	90	88	107
Production per unit of input.....	---	100	90	86	107
Operating expense per unit of production....	---	100	109	114	93
Total cost per unit of production.....	---	100	110	117	97
Power and machinery (quantity).....	---	100	99	99	100
Prices received for products sold.....	---	100	100	103	108
Prices paid, including wages to hired labor..	---	100	101	101	104

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 42. --Wheat-fallow farms, Washington and Oregon: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in farm.....	Acre	1,352	1,363	1,368	1,400
Cropland harvested.....	do.	477	461	476	411
Summer fallow.....	do.	445	465	402	500
Other cropland.....	do.	45	54	105	96
Crops harvested:					
Winter wheat for grain.....	do.	279	306	300	235
Spring wheat for grain.....	do.	30	12	20	35
Other small grains.....	do.	152	128	140	124
All hay.....	do.	16	15	16	17
Crop yields per harvested acre:					
All wheat.....	Bushel	32.7	28.9	24.8	35.9
Barley.....	do.	33.9	28.9	34.6	37.5
Hay.....	Ton	1.5	1.2	1.7	1.5
Livestock on farm, Jan. 1:					
All cattle.....	Number	30.8	32.2	31.7	33.0
Beef cows.....	do.	13.5	13.8	14.3	14.3
Pigs raised.....	do.	9.4	9.2	10.1	11.4
Tractors on farm.....	do.	1.53	1.53	1.55	1.60
Total labor used.....	Hour	3,660	3,660	3,730	3,800
Operator and family.....	do.	2,860	2,940	3,080	3,150
Hired.....	do.	800	720	650	650
Total farm capital, Jan. 1.....	Dollar	129,780	138,620	148,280	146,290
Land and buildings.....	do.	107,620	115,270	124,720	121,800
Machinery and equipment.....	do.	16,740	17,540	17,950	18,550
Livestock.....	do.	3,670	4,290	4,290	4,560
Crops.....	do.	1,750	1,520	1,320	1,380
Total cash receipts.....	do.	24,641	21,389	20,990	24,788
Wheat.....	do.	17,900	16,262	14,659	18,782
Barley.....	do.	3,295	2,133	3,601	3,079
Other crops.....	do.	542	423	333	492
Cattle.....	do.	1,837	1,939	1,719	1,778
Hogs.....	do.	318	291	334	332
Dairy products.....	do.	61	60	64	64
Other livestock and livestock products.....	do.	105	110	101	83
Other, including Government payments.....	do.	583	171	179	178
Value of perquisites.....	do.	775	775	767	767
Change in inventory of crops and livestock....	do.	-12	-230	162	280
Gross farm income.....	do.	25,404	21,934	21,919	25,835

TABLE 42.--Wheat-fallow farms, Washington and Oregon: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	9,617	10,253	9,695	10,062
Feed purchased.....	do.	231	269	259	270
Livestock expense.....	do.	71	77	80	81
Crop expense.....	do.	1,739	1,959	1,845	1,882
Machinery purchased.....	do.	2,268	2,329	2,445	2,337
Other machinery expense.....	do.	2,619	2,746	2,701	2,749
Farm buildings and fences.....	do.	436	656	197	438
Labor hired.....	do.	1,248	1,142	1,054	1,073
Taxes.....	do.	924	994	1,024	1,136
Other.....	do.	81	81	90	96
Change in inventory of machinery and buildings.	do.	-10	-187	140	39
Total operating expenses.....	do.	9,607	10,066	9,835	10,101
Net farm income.....	do.	15,797	11,868	12,084	15,734
Purchasing power in 1947-49 dollars.....	do.	13,474	9,973	10,155	13,112
Charge for capital at current interest rates....	do.	6,903	8,542	9,072	8,257
Return per hour, operator and family labor.....	do.	3.11	1.13	.98	2.37
Charge for capital at 4.1 percent interest ²	do.	5,522	5,908	6,255	6,209
Return per hour, operator and family labor.....	do.	3.59	2.03	1.89	3.02
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	86	86	102
Net farm income.....	---	100	75	76	100
Net farm production.....	---	100	88	84	97
Crop yields per acre.....	---	100	88	82	105
Production per hour of man labor.....	---	100	88	82	93
Production per unit of input.....	---	100	88	84	94
Operating expense per unit of production.....	---	100	118	121	109
Total cost per unit of production.....	---	100	118	128	113
Power and machinery (quantity).....	---	100	100	101	101
Prices received for products sold.....	---	100	98	104	107
Prices paid, including wages to hired labor..	---	100	104	104	106

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 43.--Cattle ranches, Northern Plains livestock area: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in ranch.....	Acre	4,268	4,380	4,390	4,410
Cropland harvested.....	do.	265	255	236	250
Rangeland, pasture, and miscellaneous.....	do.	4,003	4,125	4,154	4,160
Crops harvested:					
Grains.....	do.	73.6	76.0	68.7	66.7
Tame hay.....	do.	81.3	73.0	76.2	69.2
Native hay.....	do.	97.8	95.3	82.0	106.6
Other crops.....	do.	11.8	11.0	9.1	7.0
Livestock on ranch, Jan. 1:					
All cattle.....	Number	135.0	140.1	141.2	129.5
Cows and heifers, 2 years old and over.....	do.	87.4	93.6	98.6	90.8
Chickens.....	do.	35	30	25	20
Horses.....	do.	3.7	3.7	3.5	3.9
Pigs raised.....	do.	11.2	11.4	10.8	11.9
Calf crop.....	Percent	84	85	86	86
Tractors on ranch.....	Number	1.23	1.26	1.21	1.21
Total labor used.....	Hour	3,940	4,060	3,650	3,720
Operator and family.....	do.	3,220	3,190	3,360	3,250
Hired.....	do.	720	870	290	470
Total ranch capital, Jan. 1.....	Dollar	75,100	82,680	83,890	83,510
Land and buildings.....	do.	46,370	49,720	50,160	50,660
Machinery and equipment.....	do.	7,890	8,080	7,850	7,830
Livestock.....	do.	18,110	21,270	21,960	21,900
Crops.....	do.	2,730	3,610	3,920	3,120
Total cash receipts.....	do.	10,258	10,096	13,932	10,554
Cattle.....	do.	7,830	8,347	11,840	8,914
Crops.....	do.	1,695	1,100	1,412	871
Other livestock and livestock products.....	do.	486	389	320	409
Other, including Government payments.....	do.	247	260	360	360
Value of perquisites.....	do.	1,054	1,047	1,073	1,091
Change in inventory of crops and livestock.....	do.	450	569	-2,600	2,454
Gross ranch income.....	do.	11,762	11,712	12,405	14,099

TABLE 43.--Cattle ranches, Northern Plains livestock area: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	6,271	6,049	5,979	6,382
Feed and grazing fees.....	do.	316	373	507	498
Livestock purchased.....	do.	596	617	534	1,015
Other livestock expense.....	do.	127	139	144	135
Crop expense.....	do.	41	48	32	49
Machinery purchased.....	do.	1,604	1,085	1,457	1,181
Other machinery expense.....	do.	1,491	1,541	1,285	1,410
Ranch buildings and fences.....	do.	357	370	590	450
Labor hired.....	do.	500	654	225	370
Taxes.....	do.	856	889	932	950
Other.....	do.	383	333	273	324
Change in inventory of machinery and buildings.	do.	242	683	149	465
Total operating expenses.....	do.	6,513	6,732	6,128	6,847
Net ranch income.....	do.	5,249	4,980	6,277	7,252
Purchasing power in 1947-49 dollars.....	do.	4,469	4,185	5,275	6,043
Charge for capital at current interest rates...	do.	3,807	4,961	4,698	4,593
Return per hour, operator and family labor.....	do.	.45	.01	.47	.82
Charge for capital at 4.1 percent interest.....	do.	3,079	3,390	3,439	3,424
Return per hour, operator and family labor.....	do.	.67	.50	.84	1.18
INDEX NUMBERS (1957-59=100):					
Gross ranch income.....	---	100	100	105	120
Net ranch income.....	---	100	95	120	139
Net ranch production.....	---	100	103	108	98
Range condition.....	---	100	93	86	99
Production per hour of man labor.....	---	100	100	117	104
Production per unit of input.....	---	100	100	107	100
Operating expenses per unit of production....	---	100	99	87	102
Total cost per unit of production.....	---	100	101	95	105
Power and machinery (quantity).....	---	100	98	94	92
Prices received for products sold.....	---	100	95	98	117
Prices paid, including wages to hired labor..	---	100	97	94	98

¹ Preliminary.

TABLE 44.--Cattle ranches, Intermountain region: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in ranch.....	Acre	1,723	1,735	1,745	1,755
Cropland harvested.....	do.	175	174	187	196
Rangeland, pasture, and miscellaneous.....	do.	1,548	1,561	1,558	1,559
Crops harvested:					
Grains.....	do.	15.1	16.2	16.4	17.2
Tame hay.....	do.	70.2	76.0	77.2	76.5
Native hay.....	do.	87.4	80.0	91.2	100.3
Other crops.....	do.	2.0	2.0	2.0	2.0
Livestock on ranch, Jan. 1:					
All cattle.....	Number	266.7	283.9	278.8	284.4
Cows and heifers, 2 years old and over.....	do.	126.9	137.9	138.8	145.2
Chickens.....	do.	40	35	30	25
Horses.....	do.	8.3	8.0	7.9	7.7
Pigs raised.....	do.	2.0	2.0	1.9	1.9
Calf crop.....	Percent	84	83	83	83
Tractors on ranch.....	Number	.81	.85	.88	.90
Total labor used.....	Hour	5,010	5,190	5,020	5,140
Operator and family.....	do.	4,000	4,000	4,000	4,000
Hired.....	do.	1,010	1,190	1,020	1,140
Total ranch capital, Jan. 1.....	Dollar	72,850	84,370	86,000	89,910
Land and buildings.....	do.	31,220	34,870	36,470	37,730
Machinery and equipment.....	do.	5,140	5,750	5,940	6,190
Livestock.....	do.	32,820	38,500	38,120	41,190
Crops.....	do.	3,670	5,250	5,470	4,800
Total cash receipts.....	do.	15,594	16,226	15,542	17,125
Cattle.....	do.	15,371	16,023	15,319	16,940
Other livestock and livestock products.....	do.	97	77	47	41
Other, including Government payments.....	do.	126	126	176	144
Value of perquisites.....	do.	778	798	817	833
Change in inventory of crops and livestock....	do.	1,153	-581	470	917
Gross ranch income.....	do.	17,525	16,443	16,829	18,875

TABLE 44. --Cattle ranches, Intermountain region: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	6,187	7,878	7,044	7,374
Feed and grazing fees.....	do.	613	1,714	842	818
Livestock purchased.....	do.	464	440	477	507
Other livestock expense.....	do.	92	101	101	104
Crop expense.....	do.	87	103	93	115
Machinery purchased.....	do.	1,168	1,377	1,466	1,492
Other machinery expense.....	do.	1,283	1,346	1,366	1,386
Ranch buildings and fences.....	do.	217	225	230	235
Labor hired.....	do.	933	1,142	989	1,202
Taxes.....	do.	1,196	1,298	1,344	1,376
Other.....	do.	134	132	136	139
Change in inventory of machinery and buildings	do.	-71	-146	-213	-229
Total operating expenses.....	do.	6,116	7,732	6,831	7,145
Net ranch income.....	do.	11,409	8,711	9,998	11,730
Purchasing power in 1947-49 dollars.....	do.	9,711	7,320	8,402	9,775
Charge for capital at current interest rates..	do.	3,682	5,062	5,160	4,945
Return per hour, operator and family labor.....	do.	1.93	.91	1.21	1.70
Charge for capital at 4.1 percent interest.....	do.	2,987	3,459	3,526	3,686
Return per hour, operator and family labor.....	do.	2.11	1.31	1.62	2.01
INDEX NUMBERS (1957-59=100):					
Gross ranch income.....	---	100	94	96	108
Net ranch income.....	---	100	76	88	103
Net ranch production.....	---	100	97	97	103
Range condition.....	---	100	94	94	101
Production per hour of man labor.....	---	100	94	96	101
Production per unit of input.....	---	100	93	94	99
Operating expense per unit of production....	---	100	125	115	113
Total cost per unit of production.....	---	100	116	114	112
Power and machinery (quantity).....	---	100	108	112	115
Prices received for products sold.....	---	100	93	98	104
Prices paid, including wages to hired labor.	---	100	109	107	109

¹ Preliminary.

TABLE 45.--Cattle ranches, Southwest: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in ranch.....	Acre	11,070	11,150	11,210	11,250
Cropland harvested.....	do.	18	19	10	9
Rangeland, pasture, and miscellaneous.....	do.	11,052	11,131	11,200	11,241
Livestock on ranch, Jan. 1:					
All cattle.....	Number	197.0	217.8	227.6	232.2
Cows and heifers, 2 years old and over.....	do.	138.1	150.2	140.4	150.7
Chickens.....	do.	22	20	25	15
Horses.....	do.	5.7	5.3	5.4	6.0
Pigs raised.....	do.	1.8	3.6	4.0	1.3
Calf crop.....	Percent	79	84	83	82
Tractors on ranch.....	Number	.48	.50	.50	.48
Total labor used.....	Hour	3,450	3,710	3,590	3,690
Operator and family.....	do.	2,520	2,400	2,350	2,420
Hired.....	do.	930	1,310	1,240	1,270
Total ranch capital, Jan. 1.....	Dollar	141,700	161,590	160,700	164,730
Land and buildings.....	do.	112,160	124,870	125,790	126,640
Machinery and equipment.....	do.	3,780	4,400	4,490	4,860
Livestock.....	do.	24,620	30,980	28,700	31,510
Crops.....	do.	1,140	1,340	1,720	1,720
Total cash receipts.....	do.	13,198	15,680	15,245	16,296
Cattle.....	do.	12,737	14,660	14,776	15,796
Other livestock and livestock products.....	do.	171	168	149	130
Other, including Government payments.....	do.	290	852	320	370
Value of perquisites.....	do.	1,071	1,051	1,120	1,057
Change in inventory of crops and livestock....	do.	1,509	355	960	540
Gross ranch income.....	do.	15,778	17,086	17,325	17,893

TABLE 45.--Cattle ranches, Southwest: Organization, production, costs, and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	8,033	9,227	9,689	10,528
Feed and grazing fees.....	do.	1,029	1,514	1,429	1,198
Livestock purchased.....	do.	2,189	2,267	2,059	2,544
Other livestock expense.....	do.	121	146	139	151
Crop expense.....	do.	11	16	13	7
Machinery purchased.....	do.	1,126	968	1,422	1,583
Other machinery expense.....	do.	1,303	1,486	1,334	1,346
Ranch buildings and fences.....	do.	431	540	1,000	1,300
Labor hired.....	do.	535	819	789	851
Taxes.....	do.	888	983	1,006	1,041
Other.....	do.	400	488	498	507
Change in inventory of machinery and buildings.	do.	226	384	-531	-872
Total operating expenses.....	do.	8,259	9,611	9,158	9,656
Net ranch income.....	do.	7,519	7,475	8,167	8,237
Purchasing power in 1947-49 dollars.....	do.	6,394	6,282	6,863	6,864
Charge for capital at current interest rates...	do.	7,191	9,695	8,999	9,060
Return per hour, operator and family labor.....	do.	.13	-.92	-.35	-.34
Charge for capital at 4.1 percent interest.....	do.	5,810	6,625	6,589	6,754
Return per hour, operator and family labor.....	do.	.68	.35	.67	.61
INDEX NUMBERS (1957-59=100):					
Gross ranch income.....	---	100	108	110	113
Net ranch income.....	---	100	100	109	110
Net ranch production.....	---	100	125	116	116
Range condition.....	---	100	100	100	97
Production per hour of man labor.....	---	100	117	112	109
Production per unit of input.....	---	100	116	110	109
Operating expense per unit of production.....	---	100	95	98	104
Total cost per unit of production.....	---	100	93	98	103
Power and machinery (quantity).....	---	100	108	106	113
Prices received for products sold.....	---	100	89	97	102
Prices paid, including wages to hired labor..	---	100	105	107	110

¹ Preliminary.

TABLE 46.-- Sheep ranches, Northern Plains livestock area: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in ranch.....	Acre	6,303	6,638	6,674	6,638
Cropland harvested.....	do.	226	218	197	214
Rangeland, pasture, and miscellaneous.....	do.	6,077	6,420	6,477	6,424
Crops harvested:					
Grains.....	do.	76.9	74.7	66.4	66.5
Tame hay.....	do.	43.1	39.0	41.7	35.4
Native hay.....	do.	98.4	96.0	82.6	107.4
Other crops.....	do.	7.8	8.0	6.4	4.6
Livestock on ranch, Jan. 1:					
All sheep.....	Number	1,258	1,383	1,362	1,294
Breeding ewes.....	do.	1,060	1,178	1,196	1,137
All cattle.....	do.	20.8	24.5	26.5	25.1
Chickens.....	do.	35	30	25	20
Horses.....	do.	3.3	3.3	3.4	3.6
Pigs raised.....	do.	7.9	7.1	5.0	4.9
Lamb crop.....	Percent	86	92	87	87
Tractors on ranch.....	Number	1.29	1.31	1.22	1.22
Total labor used.....	Hour	8,210	8,820	7,190	7,020
Operator and family.....	do.	3,940	3,880	4,020	3,600
Hired.....	do.	4,270	4,940	3,170	3,420
Total ranch capital, Jan. 1.....	Dollar	92,430	100,650	97,100	95,350
Land and buildings.....	do.	58,890	64,110	65,020	66,020
Machinery and equipment.....	do.	7,000	7,070	6,670	6,660
Livestock.....	do.	24,970	27,990	23,970	21,520
Crops.....	do.	1,570	1,480	1,440	1,150
Total cash receipts.....	do.	21,281	22,594	20,709	23,600
Sheep.....	do.	11,204	11,371	9,731	11,675
Wool.....	do.	5,300	6,216	5,378	5,850
Wool payments.....	do.	2,529	2,676	3,030	3,459
Cattle.....	do.	961	1,258	1,624	1,516
Other livestock and livestock products.....	do.	411	280	212	229
Crops.....	do.	576	523	434	571
Other, including Government payments.....	do.	300	270	300	300
Value of perquisites.....	do.	975	958	967	1,012
Change in inventory of crops and livestock....	do.	1,258	-353	-1,110	2,316
Gross ranch income.....	do.	23,514	23,199	20,566	26,928

TABLE 46.--Sheep ranches, Northern Plains livestock area: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Total cash expenditures.....	Dollar	12,586	14,583	13,739	15,615
Feed and grazing fees.....	do.	1,882	3,849	4,316	3,984
Livestock purchased.....	do.	1,033	774	583	1,966
Other livestock expense.....	do.	239	277	280	268
Crop expense.....	do.	14	20	16	15
Machinery purchased.....	do.	1,570	1,148	1,219	1,657
Other machinery expense.....	do.	1,491	1,510	1,325	1,409
Ranch buildings and fences.....	do.	522	420	869	970
Labor hired.....	do.	3,432	4,205	2,913	3,039
Taxes.....	do.	1,228	1,240	1,228	1,237
Other.....	do.	1,175	1,140	990	1,070
Change in inventory of machinery and buildings.	do.	125	585	-4	-537
Total operating expenses.....	do.	12,711	15,168	13,735	15,078
Net ranch income.....	do.	10,803	8,031	6,831	11,850
Purchasing power in 1947-49 dollars.....	do.	9,209	6,749	5,740	9,875
Charge for capital at current interest rates...	do.	4,694	6,039	5,438	5,244
Return per hour, operator and family labor.....	do.	1.55	.51	.35	1.84
Charge for capital at 4.1 percent interest.....	do.	3,790	4,127	3,981	3,909
Return per hour, operator and family labor.....	do.	1.78	1.01	.71	2.21
INDEX NUMBERS (1957-59=100):					
Gross ranch income.....	---	100	99	87	115
Net ranch income.....	---	100	74	63	110
Net ranch production.....	---	100	105	91	103
Range condition.....	---	100	93	86	99
Production per hour of man labor.....	---	100	98	104	121
Production per unit of input.....	---	100	98	93	102
Operating expense per unit of production.....	---	100	108	108	103
Total cost per unit of production.....	---	100	103	108	98
Power and machinery (quantity).....	---	100	99	95	101
Prices received for products sold.....	---	100	89	81	97
Prices paid, including wages to hired labor..	---	100	100	98	98

¹ Preliminary.

TABLE 47.--Sheep ranches, Southwest: Organization, production, costs and returns, 1962, with comparisons

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
Land in ranch.....	Acre	13,365	13,445	13,460	13,511
Cropland harvested.....	do.	20	20	10	1
Rangeland, pasture, and miscellaneous.....	do.	13,345	13,425	13,450	13,500
Livestock on ranch, Jan. 1:					
All sheep.....	Number	1,255	1,405	1,496	1,309
Breeding ewes.....	do.	977	1,108	1,200	1,018
All cattle.....	do.	32.2	36.2	40.2	41.5
Goats.....	do.	90.7	100.3	105.8	107.2
Horses.....	do.	7.5	7.2	7.3	7.5
Chickens.....	do.	20	20	25	15
Lamb crop.....	Percent	76	78	81	77
Tractors on ranch.....	Number	.40	.41	.41	.41
Total labor used.....	Hour	5,360	5,890	6,100	5,540
Operator and family.....	do.	2,630	2,580	2,550	2,620
Hired.....	do.	2,730	3,310	3,550	2,920
Total ranch capital, Jan. 1.....	Dollar	191,660	208,530	205,320	209,460
Land and buildings.....	do.	163,310	174,480	174,910	181,330
Machinery and equipment.....	do.	4,720	4,870	4,510	4,720
Livestock.....	do.	22,720	28,340	24,380	22,660
Crops.....	do.	910	840	1,520	750
Total cash receipts.....	do.	19,513	19,685	22,834	21,570
Sheep and lambs.....	do.	9,220	7,829	10,079	8,875
Wool.....	do.	5,020	6,065	6,393	5,713
Wool payments.....	do.	2,474	2,394	2,485	3,271
Other livestock and livestock products.....	do.	2,527	3,127	3,587	3,401
Other, including Government payments.....	do.	272	270	290	310
Value of perquisites.....	do.	905	959	941	885
Change in inventory of crops and livestock.....	do.	1,143	1,796	-2,360	-523
Gross ranch income.....	do.	21,561	22,440	21,415	21,932

TABLE 47. --Sheep ranches, Southwest: Organization, production, costs and returns, 1962, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1960	1961	1962 ¹
tal cash expenditures.....	Dollar	10,600	10,513	11,578	11,772
Feed and grazing fees.....	do.	1,649	1,936	1,862	1,888
Livestock purchased.....	do.	2,156	1,722	1,674	1,785
Other livestock expense.....	do.	264	322	459	417
Crop expense.....	do.	13	19	9	8
Machinery purchased.....	do.	986	490	1,072	1,244
Other machinery expense.....	do.	1,285	1,270	1,389	1,387
Ranch buildings and fences.....	do.	514	300	330	450
Labor hired.....	do.	1,876	2,458	2,701	2,552
Taxes.....	do.	1,094	1,124	1,163	1,209
Other.....	do.	763	872	919	832
Change in inventory of machinery and buildings.	do.	1,251	1,806	1,185	893
Total operating expenses.....	do.	11,851	12,319	12,763	12,665
Net ranch income.....	do.	9,710	10,121	8,652	9,267
Purchasing power in 1947-49 dollars.....	do.	8,263	8,505	7,271	7,722
Charge for capital at current interest rates...	do.	9,727	12,512	11,498	11,520
Return per hour, operator and family labor.....	do.	-.01	-.93	-1.12	-.86
Charge for capital at 4.1 percent interest.....	do.	7,858	8,550	8,418	8,588
Return per hour, operator and family labor.....	do.	.70	.61	.09	.26
INDEX NUMBERS (1957-59=100):					
Gross ranch income.....	---	100	104	99	102
Net ranch income.....	---	100	104	89	95
Net ranch production.....	---	100	124	115	102
Range condition.....	---	100	100	100	97
Production per hour of man labor.....	---	100	113	101	100
Production per unit of input.....	---	100	116	108	101
Operating expense per unit of production.....	---	100	86	96	101
Total cost per unit of production.....	---	100	88	96	104
Power and machinery (quantity).....	---	100	92	95	102
Prices received for products sold.....	---	100	89	86	92
Prices paid, including wages to hired labor..	---	100	98	105	104

¹ Preliminary.

